

Programming Guide

V9360-6 and V9360-12 Series
Network Panoramic Cameras



XX289-40-00



Vicon Industries Inc. does not warrant that the functions contained in this equipment will meet your requirements or that the operation will be entirely error free or perform precisely as described in the documentation. This system has not been designed to be used in life-critical situations and must not be used for this purpose.

Document Number: 8009-8289-40-00 Product specifications subject to change without notice. Issued: 2/17 Copyright © 2017 Vicon Industries Inc. All rights reserved.

Vicon Industries Inc.

Tel: 631-952-2288) Fax: 631-951-2288

Toll Free: 800-645-9116

24-Hour Technical Support: 800-34-VICON

(800-348-4266) UK: 44/(0) 1489-566300

www.vicon-security.com

Table of Contents

1. Overview	4
2. Menu Tree	4
2.1 Home Page	5
2.1.1 Function Items on Home Page	5
2.1.2 Function Differences among Models	10
2.2 System	12
2.2.1 System	12
2.2.2 Security	14
2.2.3 Network	22
2.2.4 DDNS	30
2.2.5 Mail	30
2.2.6 FTP	31
2.2.7 HTTP	31
2.2.8 Events (Alarm Settings)	32
2.2.9 Storage Management	58
2.2.10 Recording	62
2.2.11 Schedule	63
2.2.12 File Location (Snapshots and Web Recording)	65
2.2.13 View Information	65
2.2.14 Factory Default	67
2.2.15 Software Version	67
2.2.16 Software Upgrade	68
2.2.17 Maintenance	69
2.3 Streaming	70
2.3.1 Video Format (Video Resolution and Rotate Type)	71
2.3.2 Video Compression	73
2.3.3 Video OCX Protocol	74
2.3.4 Video Frame Rate	74
2.3.5 Audio (Audio Mode and Bit Rate Settings)	75
2.4 Camera	77
2.4.1 Exposure	77
2.4.2 White Balance	80
2.4.3 Picture Adjustment	83
2.4.4 IR Function	84
2.4.5 Noise Reduction	85
2.4.6 Profile	87
2.4.7 Backlight	88
2.4.8 Digital Zoom	88
2.4.9 WDR Function	89

2.4.10	Fisheye Setting (Fisheye IP Camera Only).....	90
2.4.11	TV System.....	93
2.5	Pan Tilt.....	94
2.5.1	Preset.....	94
2.5.2	Sequence.....	95
2.5.3	Pan/Tilt Control	96
2.6	Logout	97
Appendix A: Install UPnP Components.....		98
Appendix B: IP Addresses from Decimal to Binary.....		99
Appendix C: Video Resolution.....		100
Primary Video Resolution.....		100
Quad Streams		100
Triple Streams		105
Dual Streams.....		108
Single Stream.....		109
Advanced Video Resolution		110
Quad Streams		110
Triple Streams		123
Dual Streams.....		126
Single Stream.....		128
Single Stream- 2M Only.....		128
Primary- HDR (2 Shutter Mode) Video Resolution.....		129
Triple Streams- 4M Only		129
Dual Streams- 4M Only		133
Single Stream- 4M Only.....		134
Triple Streams- 3M Only		134
Dual Streams- 3M Only		139
Single Stream- 3M Only.....		139
Advanced- HDR (2 Shutter Mode) Video Resolution		140
Triple Streams- 4M Only		140
Dual Streams- 4M Only		145
Single Stream- 4M Only.....		146
Triple Streams- 3M Only		146
Dual Streams- 3M Only		149
Single Stream- 3M Only.....		150
Advanced- HDR (3 Shutter Mode) Video Resolution		151
Triple Streams- 4M Only		151
Dual Streams- 4M Only		156
Single Stream- 4M Only.....		157
Triple Streams- 3M Only		157
Dual Streams- 3M Only		161

Single Stream- 3M Only.....	161
12M Fisheye IP Camera.....	162
Dual Streams- Front End Correction.....	162
Single Stream- Front End Correction.....	162
Quad Streams- Back End Correction.....	163
Triple Streams- Back End Correction.....	168
Dual Streams- Back End Correction.....	170
Single Stream- Back End Correction.....	171
6M Fisheye IP Camera.....	172
Dual Streams- Front End Correction.....	172
Single Stream- Front End Correction.....	172
Quad Streams- Back End Correction.....	173
Triple Streams- Back End Correction.....	178
Dual Streams- Back End Correction.....	180
Single Stream- Back End Correction.....	180
5M Fisheye IP Camera Video Resolution.....	181
Dual Streams- Front End Correction.....	181
Single Stream- Front End Correction.....	181
Quad Streams- Back End Correction.....	182
Triple Streams- Back End Correction.....	192
Dual Streams- Back End Correction.....	195
Single Stream- Back End Correction.....	196

1. Overview

The V9360-6 and V9360-12 Series Panoramic IP Cameras are provided with a user-friendly browser-based configuration interface and a free bundled CMS (Central Management System) for video playback and recording. In this manual, information about main page introduction, system related settings and camera settings will be described in detail.

2. Menu Tree

There are six main tabs including <Home>, <System>, <Streaming>, <Camera>, <Pan Tilt> and <Logout> on the Home Page.

Home

Users can monitor the live video of the targeted area.

System Setting

The administrator can set host name, system time, root password, network related settings, etc. Further details will be explained in the [System](#) chapter.

Streaming Setting

The administrator can configure video format, video compression, video OCX protocol, video frame rate and audio compression in this page.

Camera Setting

This setting page is only available for the administrator and user accounts that have camera control privileges. The administrator and users can adjust various camera parameters including Exposure, White Balance, Sharpness, 2D/3DNR, Digital Zoom, WDR, etc.

Pan/Tilt Setting

This setting page is only available for the administrator and user accounts that have camera control privileges. The administrator and users can set preset point and sequence line in this page. However, only the administrator can access the <Pan/Tilt Control> setting to activate the pan/tilt function and select the RS-485 protocol.



NOTE: Pan/Tilt function is only available for camera models with RS-485.

Logout

Click on the tab to re-login to the camera with another username and password.

2.1 Home Page

Click on the tab <Home> to access the <Home> Page. There are several function buttons on this page. Detailed information of each item is described in the following section.

Network Camera Home System Streaming Camera Logout English

H.264 Stream 1 2015/12/23 15:49

ZOOM WIDE TELE 1x zoom x1
FOCUS NEAR FAR AUTO MANUAL

MJPEG bitrate : middle compression, middle quality
H.264-1 bitrate : 4096 kbps, middle compression
H.264-2 bitrate : 2048 kbps
H.264-3 bitrate : 2048 kbps
H.264-4 bitrate : 1024 kbps, high compression, low quality



NOTE: The function buttons on the Home page will vary according to different camera models.

2.1.1 Function Items on Home Page

Multiple Languages Support

Multiple languages are supported, including German, English, Spanish, French, Italian, Japanese, Portuguese, Russian, Simplified Chinese and Traditional Chinese for the viewer window interface.

Display Stream Selection

According to the streaming setting, users can choose the one stream to display from the drop-down list.

Zoom Adjustment (Motorized Lens Models Only)

- **Wide / Tele buttons**
Hold the <WIDE / TELE> button and implement continuous zoom adjustment. This function is only available for models with zoom lens.
- **Wide / Tele Steps buttons** 1 step
Select a Tele / Wide step value from the drop-down menu to shift the zoom lens according to the define value.
- **Reset button**
Click on the <Reset> button and the zoom lens will be calibrated to the maximum wide end.

Manual Focus Adjustment (ABF Box IP Camera and Motorized Lens Models Only)

- **Near / Far buttons**
Hold the <Near / Far> button and implement continuous focus adjustment. This function is also available for models with zoom lens.
- **Near / Far Steps buttons** 1 step
Select a Tele / Wide step value from the drop-down menu to shift the focus lens according to the defined value.
- **Reset button**
Click on the <Reset> button and the focus lens will first be reset to the maximum near end. Then the lens will be calibrated to a suitable position according to the monitoring environment.






Auto Focus (AF) Adjustment (Zoom Lens Models and Motorized Lens Models Only)

- **Manual button**
Click on the <Manual> button and users can adjust the focus manually via the <Near / Far> buttons.
- **Zm Trig (Zoom Trigger AF)**
In this mode, AF is activated every time when zoom is adjusted.
- **Push AF**
The One Push AF function is for fixing the focus in one click. This function is also available for ABF Box IP Camera.

- **Precise AF Button** **Precise AF** (ABF Box IP Camera only)
This function is to precisely adjust the focus continuously and to prevent the camera from being out of focus. Check this item before pressing the <Push AF> button.
- **Lock** (ABF Box IP Camera only)
The Lock function is to lock the ABF function of the Box camera after the auto focus is adjusted to the best position.

This function is used to prevent the camera from being out of focus when the camera is moved afterwards or is accidentally adjusted locally or remotely via NVR/VMS. Click on this button to lock the ABF function of the camera. Click again to disable this function and adjust the focus of the camera.

Fisheye Image Adjustment (Panoramic IP Camera Only)

- **Fisheye Source Image** 
Click on the <Fisheye Source Image> button to view the live videos as hemisphere fisheye source images.
- **Single ePTZ** 
Click on the <Single ePTZ> button to view the dewarped live images and virtually pan / tilt / zoom the camera according to users' needs. Users can implement virtual PTZ by rotating the mouse wheel (for zoom in / out), and drag the mouse into any direction.
- **360° Panoramic** 
Click on the <360° Panoramic> button to view the dewarped live images as two 180° views.
- **Quad View** 
Click on the <Quad View> button to view the dewarped live images as four ePTZ views.
- **180° Panoramic** 
For Wall Mount Installed Camera, click on the <180° Panoramic> button to view the dewarped live video as a single 180° view.

- **Dual ePTZ** 

For Wall Mount Installed Camera, click on the <Dual ePTZ> button to view the dewarped live video as a single 180° view with two ePTZ views. Users can implement virtual PTZ by rotating the mouse wheel (for zoom in / out) and drag the mouse in any direction in the ePTZ live video panes.

The available Fisheye Image Adjustment buttons are different according to the dewarping and installation method selected on the <Fisheye Setting> page. The following table shows the available buttons in different dewarping methods and installation methods. The supported buttons are represented by “v”.

Button	Dewarping Method / Installation Method		Front End Correction*		Back End Correction	
	Ceiling Mount	Wall Mount	Ceiling Mount	Wall Mount	Ceiling Mount	Wall Mount
Fisheye Source Image	-	-	v	v	v	v
Single ePTZ	v**	-	v	-	v	-
360° Panoramic	v	-	v	-	v	-
Quad View	v	-	v	-	v	-
180° Panoramic	-	v	-	v	-	v
Dual ePTZ	-	v	-	v	-	v

*If users use the Front End Correction method for dewarping, the buttons will only be shown when video format is set to H.264-2 or MJPEG on the home page.

**If users use the Front End Correction method, the Single ePTZ button supported in Ceiling Mount installation is only available when the resolution of the second stream is smaller than “960 x 960”.

Quality 

Click to show/hide the video quality information including bitrate and compression.

Full Screen 

Image display size can be adjusted to full screen. Alternatively, right click on the Live Video Pane and select <Fullscreen> to go full screen.

To exit full screen mode, users can (1) tap <Esc> on the keyboard; (2) double click on the Live Video Pane; (3) right click on the Live Video Pane and select <Normal view>.

Talk Button   (On / Off)

Talk function allows the local site to talk to the remote site. Click on the button to switch it to On / Off. Users must select the suitable transmission mode under this path: [Streaming> Audio](#) to enable this function.



NOTE: This function is only available for user accounts that have this privilege allowed by the administrator. Please refer to [Security: Add user> Talk/Listen](#) for further details.

Listen Button   (On / Off)

Click on the <Listen> button to mute / activate the audio. Users must select the suitable transmission mode under [Streaming> Audio](#) to enable this function.




NOTE: This function is only available for user accounts that have been granted this privilege by the administrator. Please refer to [Security: Add user> Talk/Listen](#) for further details.

Snapshot Button 

Click on the button and the JPEG snapshots will automatically be saved in the selected location. The default location for saving snapshots is: C:\. To change the storage location, refer to section [File Location](#) of the next chapter for further details.



NOTE: With Windows 7 or Windows 8 operating system, to implement the Snapshot function, users must run IE as administrator. To run IE as administrator, right click on the IE browser icon and select “Run As Administrator” to launch IE.

Live View Pause / Restart Button   (Pause / Restart)

Click on the <Pause> button to disable video streaming; the live video will be displayed as black. Press the <Restart> button to show the live video.

Record Button   (On / Off)

Click on the <Record> button and the Live View through the web browser will be directly recorded to the specific location on the local hard drive, which could be configured in the [File Location](#) page. The default storage location for the web recording is: C:\. Refer to section [File Location](#) of the next chapter for further details.



NOTE: With Windows 7 or Windows 8 operating system, to implement the Web Recording function, users must run IE as administrator. To run IE as administrator, right click on the IE browser icon and select “Run As Administrator” to launch IE.

Manual Trigger Button



(On / Off)

Click on the <Manual Trigger > button to turn on and off the manual trigger. Refer to section [Manual Trigger](#) of the next chapter for further details.

Optical / Digital Zoom Control

In Normal View display mode, users can implement zoom in / out by moving the cursor to the live video pane and scrolling the mouse wheel. Digital zoom is only available when the function is activated in <Digital Zoom> page under the <Camera> tab.



NOTE: Optical Zoom function is only applicable for 3x Zoom Lens Models.

2.1.2 Function Differences among Models

The table below shows the available function items seen on the home page for different IP camera models. The first table below lists the applicable lens for different IP camera models. According to the applied lens, the supported functions will vary; refer to the tables below for details. In each table, the applicable lens and the supported function items are marked by “v”.

Applicable Lens for Different IP Camera Models

	Lens	Fixed-focal	Vari-focal	Motorized	Zoom	CS Mount	Fisheye
Huxar IP Camera	Model						
	IR Bullet	-	v	v	-	-	-
	Box / ABF Box	-	-	-	-	v	-
	Zoom AF Box	-	-	-	v	-	-
	Fisheye	-	-	-	-	-	v
	Compact Dome	-	v	v	v	-	-
	Mini Fisheye	-	-	-	-	-	v
	Mini Rugged Dome	-	v	v	v	-	-
Mini Dome	v	v	v	v	-	-	

Supported Functions for the Applied Lens

Function \ Lens	Fixed-focal	Vari-focal	Motorized	Zoom	CS Mount	Fisheye***	
						Wall Mount	Ceiling Mount
Multiple Language	V	V	V	V	V	V	V
Digital Zoom Ctrl	V	V	V	V	V	-	-
Screen Size Adjust	V	V	V	V	V	V	V
Talk (On / Off)*	V	V	V	V	V	V	V
Speaker (On / Off)*	V	V	V	V	V	V	V
Snapshot	V	V	V	V	V	V	V
Video Streaming Pause/Restart	V	V	V	V	V	V	V
Web Recording (On / Off)	V	V	V	V	V	V	V
Zoom Adjust.	Tele/Wide	-	-	V	V	-	-
	Tele/Wide Steps	-	-	V	-	-	-
	Reset	-	-	V	-	-	-
Manual Focus Adjust.	Near/Far	-	-	V	V	V**	-
	Near/Far Steps	-	-	V	-	V**	-
	Reset	-	-	V	-	V**	-
	Push AF	-	-	-	V	-	-
Auto Focus Adjust.	Manual	-	-	-	V	-	-
	Cont.	-	-	-	V	-	-
	Zm Trig	-	-	-	V	-	-
	Push AF	-	-	V	-	-	-
Fisheye Source Image	-	-	-	-	-	V	V
Dual ePTZ	-	-	-	-	-	V	-
180° Panoramic	-	-	-	-	-	V	-
Single ePTZ	-	-	-	-	-	-	V
360° Panoramic	-	-	-	-	-	-	V
Quad View	-	-	-	-	-	-	V

*Talk and Speaker functions are optional.

**ABF Box IP cameras support Manual Focus Adjustment function. However, non-ABF Box IP cameras do NOT support this function.

***The function items for fisheye IP camera models will vary according to different installation methods. Two installation methods are provided: wall mount and ceiling mount installation.

2.2 System

Under the tab <System>, the categories are shown as the configure page below.

The screenshot shows the 'System' configuration page for a Network Camera. The page has a top navigation bar with 'Network Camera' and tabs for 'Home', 'System', 'Streaming', 'Camera', 'Pan Tilt', 'Logout', and a language dropdown set to 'English'. A left sidebar contains a menu with items like System, Security, Network, DDNS, Mail, FTP, HTTP, Events, Storage Management, Recording, Schedule, File Location, View Information, Factory Default, Software Version, Software Upgrade, and Maintenance. The main content area is titled 'System' and contains the following configuration options:

- Host Name :** MegaPixelCamera
- Time zone :** GMT+00:00 Gambia, Liberia, Morocco, England
- Enable daylight saving time**
 - Time offset: 01:00:00
 - Start date: Jan 1st Sun Start time: 00:00:00
 - End date: Jan 1st Sun End time: 00:00:00
 - Time format: yyyy/mm/dd
- Sync with computer time**
 - PC date: 2016/08/11 [yyyy/mm/dd]
 - PC time: 17:23:47 [hh:mm:ss]
- Manual**
 - Date: 2010/04/01 [yyyy/mm/dd]
 - Time: 00:00:00 [hh:mm:ss]
- Sync with NTP server**
 - NTP server: 0.0.0.0 [host name or IP address]
 - Update interval: Every hour
 - Save



NOTE: Only Administrator can access the <System> configuration page.

2.2.1 System

The System setting can be found under the path: **System> System**.

Host Name

The name is for camera identification. If the alarm function (refer to section [Events](#)) is enabled and is set to send alarm messages by Mail / FTP, the host name entered here will be displayed in the alarm message.

Time Zone

Select the time zone from the drop-down menu according to the location of the camera.

Enable Daylight Saving Time

To enable DST, please check the item and then specify the time offset and the DST duration. The format for time offset is [hh:mm:ss]; for instance, if the amount of time offset is one hour, please enter "01:00:00" into the field.

Time format

Choose a time format (yyyy/mm/dd or dd/mm/yyyy) from the drop-down menu. The format of the date and time displayed above the live video window will be changed according to the selected format.

Sync with Computer Time

Select the item, and video date and time display will synchronize with the PC's.



NOTE: Users **MUST** click on the <Save> button to confirm the setting. Otherwise, the time will not be synced.

Manual

The administrator can set video date and time manually. Entry format should be identical with the examples shown next to the enter fields.

Sync with NTP Server

Network Time Protocol (NTP) is an alternate way to synchronize the camera's clock with a NTP server. Please specify the server that is wished to synchronize in the entry field. Then select an update interval from the drop-down menu. For further information about NTP, please see the web site: www.ntp.org.



NOTE: The synchronization will be done every time the camera boots up.

Click on <Save> to confirm the setting.

2.2.2 Security

The Security setting can be found under this path: **System> Security**.

Click on the <Security> category, there will be a drop-down menu with tabs including <User>, <HTTPS>, <IP Filter>, and <IEEE 802.1X>.

2.2.2.1 User

The User setting can be found under this path: **System> Security> User**.

Admin Password

This item is for the administrator to reset password. Enter the new password in <Admin password> and <Confirm password>. The maximum length is 14 characters. The input characters / numbers will be displayed as dots for security purposes. Click on <Save> to confirm the changes. After the changes are confirmed, the web browser will ask the administrator to re-login to the camera with the new password.



NOTE: The following characters are valid: A-Z, a-z, 0-9, !#\$%&'-.@^_~.

Add User

This item is for the administrator to add new users. Enter the new user's name in <User name> and the password in <User password>. Username can be up to 16 characters, and the maximum length of the password is 14 characters. Tick the boxes below to give privileges for functions, including “**Camera control**”, “**Talk**” and “**Listen**”. Click on <Add> to add the new user. The name of the new added user will be displayed in the <User name> drop-down list under <Manage User>. There is a maximum of twenty user accounts.

- **I/O access**

This item supports fundamental functions that enable users to view the live video when accessing to the camera.

- **Camera control**

This item allows the appointed user to change camera parameters on the <Camera> and <PTZ> setting page.

- **Talk/Listen**

This item allows the appointed user in the local site (camera site) to communicate with, for instance, the administrator in the remote site.

Manage User

- **Delete user**

Pull down the <User name> drop-down list and select the username that is wished to be deleted. Click on <Delete> to remove the selected name.

- **Edit user**

Pull down the <User name> drop-down list and select the username. Click on <Edit> and a popup window will appear. In the appeared window, enter the new user password and reset the privileges. Click on <Save> to confirm the changes. Then click on <Close> to complete the editing.

HTTP Authentication Setting

This setting allows secured connections between the IP camera and web browser by enforcing access controls to web resources. When users approach to the web browser, it'll ask for username and password, which protects the camera settings or live streaming information from snooping. There are two security models available: Basic and Digest. Refer to the descriptions below for more details.

- **Basic**

This mode can only provide basic protection for the connection security. There will still be risks for the password being intercepted.

- **Digest**

Digest mode is a safer option for protection. The password is sent in an encrypted format to prevent it from being stolen.



NOTE: Users **MUST** click on the <Save> button to apply the setting.

Streaming Authentication Setting

This setting provides security against unauthorized users from getting streaming via Real Time Streaming Protocol (RTSP). If the setting is enabled, users will be requested to enter user name and password before viewing the live streams. There are three security modes available: Disable, Basic and Digest. Refer to the descriptions below for more details.

- **Disable**

If disable mode is selected, there will be no security provided to against unauthorized access. Users will not be asked to input user name and password for authentication.

- **Basic**

This mode can only provide basic protection for the live streams. There will still be risks for the password being intercepted.

- **Digest**

Digest mode is a safer option for protection. The password is sent in an encrypted format to prevent it from being stolen.



NOTE: Users **MUST** click on the <Save> button to apply the setting.

2.2.2.2 HTTPS

The HTTPS setting can be found under this path: **System> Security> HTTPS**.

<HTTPS> allows secure connections between the camera and the web browser using <Secure Socket Layer (SSL)> or <Transport Layer Security (TLS)>, which ensure camera settings or Username / Password info from snooping. It is required to install a self-signed certificate or a CA-signed certificate for implementing HTTPS.

To use HTTPS on the camera, an HTTPS certificate must be installed. The HTTPS certificate can be obtained by either creating and sending a certificate request to a Certificate Authority (CA) or creating a self-signed HTTPS certificate, as described below.

Create Self-signed Certificate

Before a CA-issued certificate is obtained, users can create and install a self-signed certificate first.

Click on <Create> under “Create self-signed certificate” and provide the requested information to install a self-signed certificate for the camera. Please refer to the last part of this section [Provide the Certificate Information](#) for more details.



NOTE: The self-signed certificate does not provide the same high level of security as when using a CA-issued certificate.

Install Signed Certificate

Click on the <Create Certificate Request> button to create and submit a certificate request in order to obtain a signed certificate from CA.

Provide the request information in the create dialog. Please refer to the following section [Provide the Certificate Information](#) for more details.

When the request is complete, the subject of the Created Request will be shown in the field. Click on <Properties> below the Subject field, copy the PEM-formatted request and send it to the selected CA.

When the signed certificate is returned, install it by uploading the signed certificate.

Provide the Certificate Information

To create a Self-signed HTTPS Certificate or a Certificate Request to CA, please enter the information as requested.

	Create Self Signed Certificate	Create Certificate Request
Country	V	V
State or Province	V	V
Locality	V	V
Organization	V	V
Organizational Unit	V	V
Common Name	V	V
Valid Days	V	-

- **Country**
Enter a two-letter combination code to indicate the country the certificate will be used in. For instance, type in “US” to indicate United States.
- **State or province**
Enter the local administrative region.
- **Locality**
Enter other geographical information.
- **Organization**
Enter the name of the organization to which the entity identified in “Common Name” belongs.
- **Organization Unit**
Enter the name of the organizational unit to which the entity identified in “Common Name” belongs.
- **Common Name**
Indicate the name of the person or other entity that the certificate identifies (often used to identify the website).
- **Valid days**
Enter the period in days (1 to 9999) to indicate the valid period of certificate.

Click on <OK> to save the Certificate Information after completing the setting.

2.2.2.3 IP Filter

The IP Filter setting can be found under this path: **System> Security> IP Filter**.

With IP Filter, users can allow or deny specific IP addresses from accessing the camera.

- **Enable IP Filter**

Check the box to enable the IP Filter function. Once enabled, the listed IP addresses (IPv4) in the <Filtered IP Addresses> list box will be allowed / denied to access the camera.

Select <Allow> or <Deny> from the drop-down list and click on the <Apply> button to determine the IP filter behavior.

- **Add IP Address**

Input IP address at the blank space below the <Filtered IP Address> list and click <Add>. The newly-added address will be shown in the list. Up to 256 IP address entries can be specified.

In addition, to filter a group of IP addresses, enter an address at the blank space followed with a slash and a number ranging from 1 to 31, e.g. 192.168.2.81/30. The number after the slash can define how many IP addresses will be filtered. For details, please refer to the following example.

- Example: Filtering a group of consecutive IP addresses
The steps below show what will be filtered when 192.168.2.81/30 is entered.

Step 1: Convert 192.168.2.81 to binary numbers. The binary numbers are 11000000.10101000.00000010.01010001. Users can refer to [Appendix B: IP Addresses from Decimal to Binary](#) for converting the IP addresses to binary numbers. The number “30” after the slash is referring to the first 30 digits of the binary numbers.

Step 2: Convert a few IP addresses before and after 192.168.2.81 to binary numbers. Then compare their first 30 digits with the binary numbers of 192.168.2.81.

- a. Convert 192.168.2.80 to binary numbers. The binary numbers are 11000000.10101000.00000010.01010000. The first 30 digits are the same with the binary numbers of 192.168.2.81, thus 192.168.2.80 will be filtered.
- b. Convert 192.168.2.79 to binary numbers. The binary numbers are 11000000.10101000.00000010.01001111. The first 30 digits are different with the binary numbers of 192.168.2.81, thus 192.168.2.79 will not be filtered. This also means the IP addresses before 192.168.2.79 will not be filtered. Therefore, users can stop converting the IP addresses before 192.168.2.79 to binary numbers.
- c. Repeat the same procedure in “a” with the IP addresses after 192.168.2.81. Stop when the situation occurs in “b” happened. Namely, the 30th digit of the binary numbers of IP address 192.168.2.84 is different, and will not be filtered.

As a result, the IP addresses 192.168.2.80 to 192.168.2.83 will be filtered when entering 192.168.2.81/30. The following table clearly shows the 30th digit of the binary numbers of IP addresses 192.168.79 and 192.168.84 are different from the others. Therefore, these two IP addresses will not be filtered.

IP Addresses	Binary Numbers
192.168.2.79	11000000.10101000.00000010.0100 <u>1</u> 111
192.168.2.80	11000000.10101000.00000010.01010000
192.168.2.81	11000000.10101000.00000010.01010001
192.168.2.82	11000000.10101000.00000010.01010010
192.168.2.83	11000000.10101000.00000010.01010011
192.168.2.84	11000000.10101000.00000010.01010 <u>1</u> 00

- **Delete IP Address**

To remove an IP address from the <Filtered IP Address> list, please select the address and click on <Delete>.

2.2.2.4 IEEE 802.1X

The IEEE 802.1X setting can be found under this path: **System> Security> IEEE 802.1X**.

The camera is allowed to access a network protected by 802.1X/EAPOL (Extensible Authentication Protocol over LAN).

Users need to contact with the network administrator for gaining certificates, user IDs and passwords.

CA Certificate

The CA certificate is created by the Certification Authority for the purpose of validating itself. Upload the certificate for checking the server's identity.

Client Certificate / Private Key

Upload the Client Certificate and Private Key for authenticating the camera itself.

Settings

- **Identity**

Enter the user identity associated with the certificate. Up to 16 characters can be used.

- **Private Key Password**

Enter the password (maximum 16 characters) for user identity.

Enable IEEE 802.1X

Check the box to enable IEEE 802.1X.

Click on <Save> to save the IEEE 802.1X/EAP- TLS setting.

2.2.3 Network

The Network setting can be found under this path: **System> Network**.

Click on the <Network> category, there will be a drop-down menu with tabs including <Basic>, <QoS>, <SNMP>, and <UPnP>.

2.2.3.1 Basic

The Basic setting can be found under this path: **System> Network> Basic**.

This setting page is for setting a new IP address for the camera, configuring other network-related parameters and activating IPv6 address (if the network supports it).

General

This setting menu is for configuring a new IP address for the camera. To setup an IP address, please find out the network type first. Contact the network provider for it. Then refer to the network type and follow the instructions to setup the IP address.



NOTE: If the network type is Point-to-Point Protocol over Ethernet (PPPoE), please obtain the PPPoE username and password from the network provider.

- **Get IP address automatically (DHCP)**

Select the item and click <Save> to confirm the new setting. A note for camera system restart will appear. Click <OK> and the camera system will be restarted. The camera will be assigned with a new IP address. Close the web browser and search the camera through the installer program: DeviceSearch.exe, which can be found in “DeviceSearch” folder in the supplied CD. Refer to the steps below to connect the camera through “DeviceSearch” software.



NOTE: Before searching the camera through DeviceSearch.exe, please record the camera’s MAC address, which can be found on the label or on the package container of the camera, for later use and identification in the future.

Step 1: Double click on the program DeviceSearch.exe.

Step 2: After its window appears, click on the <Device Search> button on the top. All the finding IP devices will be listed in the page.

Step 3: Find the camera by its MAC address.

Step 4: Then double click or right click and select <Browse> to access the camera directly by the web browser.

Step 5: A prompt window requesting for the username and the password will appear. Enter the username and the password to login to the camera.

- **Use fixed IP address**

Select the item and insert the new IP address, ex. 192.168.7.123. Note that the inserted IP address should be in the same LAN as the PC's IP address. Then go to the Default gateway (explained later) blank and change the setting, eg. 192.168.7.254. Click on <Save> to confirm the new setting. A note for system restart will appear, click <OK> and the system will restart. Wait for 15 seconds. The camera's IP address in the URL bar will be changed, and users have to login again.

When using a static IP address to connect the camera, users can access the camera by inputting the IP address in the URL bar and hit <Enter> on the keyboard. Alternatively, users can access the camera by the installer program: DeviceSearch.exe, which can be found in "DeviceSearch" folder in the supplied CD. Refer to the steps below to connect the camera through "DeviceSearch" software with a static IP address.

Step 1: Double click on the program DeviceSearch.exe.

Step 2: After its window appears, click on the <Device Search> button on the top. All the finding IP devices will be listed in the page.

Step 3: Find the camera by its IP address.

Step 4: Then double click or right click and select <Browse> to access the camera directly by the web browser.

Step 5: A prompt window requesting for the username and the password will appear. Enter the username and the password to login to the camera.

- IP address
This is necessary for network identification.
- Subnet mask
It is used to determine if the destination is in the same subnet. The default value is “255.255.255.0”.
- Default gateway
This is the gateway used to forward frames to destinations in different subnet. Invalid gateway setting will fail the transmission to destinations in different subnet.
- Primary DNS
Primary DNS is the primary domain name server that translates hostnames into IP addresses.
- Secondary DNS
Secondary DNS is a secondary domain name server that backs up the primary DNS.

- **Use PPPoE**

For the PPPoE users, enter the PPPoE username and password into the enter fields, and click on the <Save> button to complete the setting.

Advanced

The following introduces the camera's Web Server port, RTSP port, MJPEG over HTTP port, and HTTPS port.

- **Web Server port**

The default web server port is 80. With the default web server port '80', users can simply input the IP address of the camera in the URL bar of a web browser to connect the camera. When the web server port is changed to any number other than 80, users have to enter the camera's IP address followed by a colon and the port number. For instance, a camera whose IP address as 192.168.0.100 and web server port as 8080 can be connected by entering "<http://192.168.0.100:8080>" in the URL bar.

- **RTSP port**

The default setting of RTSP Port is 554; the RTSP Port should be set as 554 or from the range 1024 to 65535.

- **MJPEG over HTTP port**

The default setting of MJPEG over HTTP Port is 8008; the MJPEG over HTTP Port should be set as 8008 or from the range 1024 to 65535.

- **HTTPS port**

The default setting of HTTPS Port is 443; the HTTPS Port should be set as 443 or from the range 1024 to 65535.



NOTE: Please make sure the port numbers set above are not the same with each other; otherwise, network conflict may occur.

IPv6 Address Configuration

If the network supports IPv6, users can check the box beside <Enable IPv6> and click <Save>. An IPv6 address will appear beside <Address>, and users can use it to connect to the camera.

2.2.3.2 QoS

The QoS (Quality of Service) setting can be found under this path: **System> Network> QoS**.

QoS allows providing differentiated service levels for different types of traffic packets, which guarantees delivery of priority services especially when network congestion occurs. Adapting the Differentiated Services (DiffServ) model, traffic flows are classified and marked with DSCP (DiffServ Codepoint) values, and thus receive the corresponding forwarding treatment from DiffServ capable routers.

DSCP Settings

The DSCP value range is from 0 to 63. The default DSCP value is 0, which means DSCP is disabled. The camera uses the following QoS Classes: Video, Audio and Management.

- **Video DSCP**

The class consists of applications such as MJPEG over HTTP, RTP/RTSP and RTSP/HTTP.

- **Audio DSCP**

This setting is only available for the cameras that support audio.

- **Management DSCP**

The class consists of HTTP traffic: Web browsing.



NOTE: To enable this function, please make sure the switches / routers in the network support QoS.

2.2.3.3 SNMP

The SNMP (Simple Network Management Protocol) setting can be found under this path: **System> Network> SNMP**.

With Simple Network Management Protocol (SNMP) support, the camera can be monitored and managed remotely by the network management system.

SNMP v1 / v2

- **Enable SNMP v1 / v2**
Select the version of SNMP to use by checking the box.
- **Read Community**
Specify the community name that has read-only access to all supported SNMP objects. The default value is “public”.
- **Write Community**
Specify the community name that has read / write access to all supported SNMP objects (except read-only objects). The default value is “private”.

SNMP v3

SNMP v3 supports an enhanced security system that provides protection against unauthorized users and ensures the privacy of the messages. Users will be requested to enter security name, authentication password and encryption password while setting the camera connections in the network management system. With SNMP v3, the messages sent between the cameras and the network management system will be encrypted to ensure privacy.

- **Enable SNMP v3**
Enable SNMP v3 by checking the box.
- **Security Name**
The maximum length of the security name is 32 characters.



NOTE: The valid characters are A-Z, a-z, 0-9 and !#\$%&'-.@^_~.

- **Authentication Type**
There are two authentication types available: MD5 and SHA. Select <SHA> for a higher security level.
- **Authentication Password**

The authentication password must be 8 characters or more. The input characters / numbers will be displayed as dots for security purposes.



NOTE: The valid characters are A-Z, a-z, 0-9 and !#\$%&'-.@^_~.

- **Encryption Type**

There are two encryption types available: DES and AES. Select <AES> for a higher security level.

- **Encryption Password**

The minimum length of the encryption password is 8 characters and the maximum length is 512 characters. The input characters / numbers will be displayed as dots for security purposes. The encryption password can also be left blank. However, the messages will not be encrypted to protect privacy.



NOTE: The valid characters are A-Z, a-z, 0-9 and !#\$%&'-.@^_~.

Traps for SNMP v1 / v2 / v3

Traps are used by the camera to send messages to a management system for important events or status changes.

- **Enable Traps**

Check the box to activate trap reporting.

- **Trap address**

Enter the IP address of the management server.

- **Trap community**

Enter the community to use when sending a trap message to the management system.

Trap Option

- **Warm Start**

A Warm Start SNMP trap signifies that the SNMP device, i.e. IP camera, performs software reload.

Click on <Save> button when complete.

2.2.3.4 UPnP

The UPnP setting can be found under this path: **System> Network> UPnP**.

UPnP Setting

- **Enable UPnP**

When the UPnP is enabled, whenever the camera is presented to the LAN, the icon of the connected cameras will appear in My Network Places to allow for direct access.



NOTE: To enable this function, please make sure the UPnP component is installed on the computer. Please refer to [Appendix A: Install UPnP Components](#) for UPnP component installation procedure.

- **Enable UPnP port forwarding**

When the UPnP port forwarding is enabled, the camera is allowed to open the web server port on the router automatically.



NOTE: To enable this function, please make sure that the router supports UPnP and it is activated.

- **Friendly name**

Set a name for the camera for identity.

Click on <Save> when finished.

2.2.4 DDNS

The DDNS setting can be found under this path: **System> DDNS**.

Dynamic Domain Name System (DDNS) allows a host name to be constantly synchronized with a dynamic IP address. In other words, it allows those using a dynamic IP address to be associated to a static domain name so others can connect to it by name.

Enable DDNS

Check the item to enable DDNS.

Provider

Select one DDNS host from the provider list.

Host name

Enter the registered domain name in the field.

Username/E-Mail

Enter the username or E-mail required by the DDNS provider for authentication.

Password/Key

Enter the password or key required by the DDNS provider for authentication.

2.2.5 Mail

The Mail setting can be found under this path: **System> Mail**.

The administrator can send an E-mail via Simple Mail Transfer Protocol (SMTP) when an alarm is triggered. SMTP is a protocol for sending E-mail messages between servers. SMTP is a relatively simple, text-based protocol, where one or more recipients of a message are specified and the message text is transferred.

Two sets of SMTP can be configured. Each set includes SMTP Server, Account Name, Password and E-mail Address settings. For SMTP server, contact the network service provider for more specific information.

2.2.6 FTP

The FTP setting can be found under this path: **System> FTP**.

The administrator can set the camera to send the alarm messages to a specific File Transfer Protocol (FTP) site when an alarm is triggered. Users can assign alarm message to up to two FTP sites. Enter the FTP details, which include server, server port, username, password and remote folder, in the fields.

Click on <Save> when finished.

2.2.7 HTTP

The HTTP setting can be found under this path: **System> HTTP**.

An HTTP Notification server can listen for the notification messages from the cameras by triggered events. Enter the HTTP details, which include server name (for instance, <http://192.168.0.1/admin.php>), username, and password in the fields. <Alarm> triggered and <Motion Detection> notifications can be sent to the specified HTTP server.

Click on <Save> when finished.



Please refer to [Events> Application> Send HTTP notification](#) for HTTP Notification settings.

2.2.8 Events (Alarm Settings)

The Events setting can be found under this path: **System> Events**.

Click on the <Events> category, there will be a drop-down menu with tabs including <Application>, <Motion Detection>, <Network Failure Detection>, <Tampering>, <Periodical Event>, <Manual Trigger>, and <Audio Detection>.

2.2.8.1 Application

The Application setting can be found under this path: **System> Events> Application**.

The camera supports one alarm input and one relay output for cooperation with alarm system to catch event images. Refer to alarm pin definition below to connect alarm devices to the camera if needed.

Alarm Switch

The default setting for the Alarm Switch function is <Off>. Enable the function by selecting <On>. Users can also activate the function according to the schedule previously set in the <Schedule> setting page. Select <By schedule> and click <Please select...> to choose the desired schedule from the drop-down menu.

Alarm Type

Select an alarm type, <Normal close> or <Normal open>, that corresponds with the alarm application.

Triggered Action

The administrator can specify alarm actions that will take when the alarm is triggered. All options are listed as follows.

- **Enable Alarm Output (high/low)**
Select the item to enable alarm relay output.
- **IR Cut Filter**
Select the item and the IR cut filter (ICR) of the camera will be removed (on) or blocked (off) when alarm input is triggered.



NOTE: The IR Function (refer to section [IR Function](#)) could not be set as <Auto> mode if this triggered action is enabled.



NOTE: This function is only available for models with IR cut filter.

- **Send Message by FTP/E-Mail**

The administrator can select whether to send an alarm message by FTP and/or E-mail when an alarm is triggered.

- **Upload Image by FTP**

Select this item and the administrator can assign an FTP site and configure various parameters. When the alarm is triggered, event images will be uploaded to the appointed FTP site.

<Pre-trigger buffer> function allows users to check what caused the trigger. The <Pre-trigger buffer> frame rate could be pre-determined. On the other hand, <Post-trigger buffer> is for users to upload certain amount of images after the alarm input is triggered.



NOTE: Normally the setting range of the <Pre-trigger buffer> is 1 to 20. However, the setting range will change accordingly if the frame rate of MJPEG on the <Video Frame Rate> setting page is 6 or smaller.

Check the box <Continue image upload> to upload the triggered images during certain time or keep uploading until the trigger is off. Select <Upload for ___ sec> and enter the duration in the blank. The images of the duration will be uploaded to FTP when the alarm input is triggered. The setting range is from 1 to 99999 sec. Select <Upload during the trigger active> to make the images keep being uploaded to FTP during the trigger active until the alarm is released. Set the Image frequency as the upload frame rate. The setting range is from 1 to 15 frames.



NOTE: Make sure FTP configuration has been completed. Refer to section [FTP](#) for further details.

- **Upload Image by E-Mail**

Select this item and the administrator can assign an E-mail address and configure various parameters. When the alarm input is triggered, event images will be sent to the appointed E-mail address.

<Pre-trigger buffer> function allows users to check what caused the trigger. The <Pre-trigger buffer> frame rate could be pre-determined. On

the other hand, <Post-trigger buffer> is for users to upload certain amount of images after alarm input is triggered.



NOTE: Normally the setting range of the <Pre-trigger buffer> is 1 to 20. However, the setting range will change accordingly if the frame rate of MJPEG on the <Video Frame Rate> setting page is 6 or smaller.

Check the box <Continue image upload> to upload the triggered images during certain time or keep uploading until the trigger is off. Select <Upload for ___ sec> and enter the duration in the blank. The images of the duration will be uploading by E-mail when the alarm input is triggered. The setting range is from 1 to 99999 sec. Select <Upload during the trigger active> to make the images keep being uploaded to E-mail during the trigger active until the alarm is released. Set the Image frequency as the upload frame rate. The setting range is from 1 to 15 frames.



NOTE: Make sure SMTP configuration has been completed. Refer to section [Mail](#) for further details.

- **Send HTTP Notification**

Check this item and select the destination HTTP address. Then specify the parameters for event notifications by <Alarm> triggered. When an alarm is triggered, the HTTP notification will be sent to the specified HTTP server.

For instance, if the custom parameter is set as “[action=1&group=2](#)”, and the HTTP server name is “[http://192.168.0.1/admin.php](#)”, the notification will be sent to HTTP server as “[http://192.168.0.1/admin.php?action=1&group=2](#)” when alarm is triggered.

- **Record Video Clip**

Check this item and select a video recording storage type, <SD Card> or <NAS> (Network-Attached Storage). The alarm-triggered recording will be saved into the microSD / SDXC card or the NAS.

<Pre-trigger buffer> recording function allows users to check what caused the trigger. The pre-trigger buffer time range is from 1 to 3 sec.

Select <Upload for __ sec> to set the recording duration after alarm is triggered. The setting range is from 1 to 99999 sec. Select <Upload during the trigger active> to record the triggered video until the trigger is off.



NOTE: Please make sure the local recording (with microSD / SDXC card) or the remote recording (with NAS) is activated so that this function can be implemented. Refer to section [Recording](#) for further details.

File Name

Enter a file name in the blank, e.g. image.jpg. The file name format of the uploaded image can be set in this section. Please select the one that meets the requirements.

- **Add date/time suffix**

File name: imageYYMMDD_HHNNSS_XX.jpg

Y: Year, M: Month, D: Day

H: Hour, N: Minute, S: Second

X: Sequence Number

- **Add sequence number suffix (no maximum value)**

File name: imageXXXXXXXX.jpg

X: Sequence Number

- **Add sequence number suffix up to # and then start over**

File Name: imageXX.jpg

X: Sequence Number

The file name suffix will end at the number being set. For example, if the setting is up to “10”, the file name will start from 00, end at 10, and then start all over again.

- **Overwrite**

The original image in the FTP site will be overwritten by the new uploaded file with a static filename.

Save

After complete all the settings mentions above, please click on <Save> button to save all the settings in this page.

2.2.8.2 Motion Detection

The Motion Detection setting can be found under this path: **System> Events> Motion Detection**.

Motion Detection function allows the camera to detect suspicious motion and trigger alarms when motion volume in the detected area reaches / exceeds the determined sensitivity threshold value.

The function supports up to 4 sets of Motion Detection Settings. Settings can be chosen from the drop-down menu beside <Motion Detection>. In each set of setting, there is a **Motion Detection Window** (the red frame shown in the figure below) displayed on the Live Video Pane. The Motion Detection Window is for defining the motion detection area. To change the size of the Motion Detection Window, move the mouse cursor to the edge of the frame and draw it outward / inward. To shift the window to the intended location, move the mouse cursor to the center of the window and click and drag.

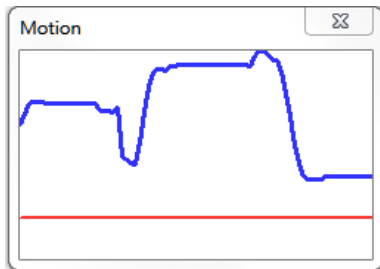


Users can configure up to 10 sets of Motion Detection Windows in each set of Motion Detection Setting. Click on the <add> button under the Live Video Pane to add a Motion Detection Window. To cancel a Motion Detection Window, move the mouse cursor to the selected Window, and click on the <delete> button.

If Motion Detection function is activated, the pop-up window (Motion) with indication of motion will be shown.



When motion is detected, the signals will be displayed on the Motion window as shown below. Motion is detected by comparing sampling pixels in the detection area of two consecutive live images.



Motion Detection

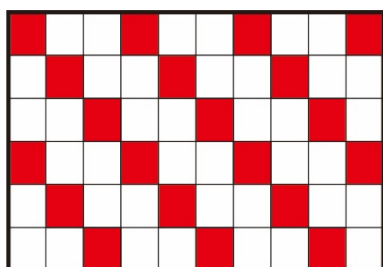
In each set of Motion Detection Setting, the default setting for the Motion Detection function is <Off>. Enable the function by selecting <On>. Users can also activate the function according to the schedule previously set in the <Schedule> setting page. Select <By schedule> and click <Please select...> to choose the desired schedule from the drop-down menu.

Motion Detection Setting

Users could adjust various parameters of Motion Detection in this section.

- **Sampling pixel interval [1-10]:**

This item is used to examine the differences between two frames. Users can configure the interval of sampling pixel. The default value is 1. For instance, if users set the interval as 3, IP camera system will take one sampling pixel from every 3 pixels of each row and each column in detection area (refer to the figure below). The alarm will be triggered when differences are detected.



- **Detection level [1-100]:**
Users can configure detection level for each sampling pixel. Detection level is how much the camera can accept the differences between two sampling pixels. The smaller the value is, the more minor motions it detects. The default level is 10.
- **Sensitivity level [1-100]:**
The default level is 80, which means if 20% or more sampling pixels are detected differently, system will detect motion. The bigger the value, the more sensitive it is. Meanwhile, when the value is bigger, the red horizontal line in the motion indication window will be lower accordingly.
- **Time interval (sec) [0-7200]:**
The value is the interval between each detected motion. The default interval is 10.

Triggered Action (Multi-option)

The administrator can specify alarm actions that will take when motion is detected. All options are listed as follows.

- **Enable Alarm Output (high/low)**
Check the item and select the predefined type of alarm output to enable alarm relay output when motion is detected.
- **Send Alarm Message by FTP/E-Mail**
The administrator can select whether to send an alarm message by FTP and/or E-mail when motion is detected.
- **Upload Image by FTP**
Select this item and the administrator can assign an FTP site and configure various parameters. When motion is detected, event images will be uploaded to the appointed FTP site.

<Pre-trigger buffer> function allows users to check what happened to cause the trigger. The <Pre-trigger buffer> frame rate could be pre-determined. On the other hand, <Post-trigger buffer> is for users to upload certain amount of images after motion event occurs.



NOTE: Normally the setting range of the <Pre-trigger buffer> is 1 to 20 frames. However, the setting range will change accordingly if the frame rate of MJPEG on the <Video Frame Rate> setting page is 6 or smaller.

Check the box <Continue image upload> to upload the triggered images during certain time or keep uploading until the trigger is off. Select <Upload for __sec> and enter the duration in the blank. The images of the duration will be uploaded to FTP when the motion event occurs. The setting range is from 1 to 99999 sec. Select <Upload during the trigger active> to make the images keep being uploaded to FTP during the trigger active until the event stops. Set the Image frequency as the upload frame rate. The setting range is from 1 to 15 frames per second.



NOTE: Make sure FTP configuration has been completed. Refer to section [FTP](#) for further details.

- **Upload Image by E-Mail**

Select this item and the administrator can assign an E-mail address and configure various parameters. When motion is detected, event images will be sent to the appointed E-mail address.

<Pre-trigger buffer> function allows users to check what happened to cause the trigger. The <Pre-trigger buffer> frame rate could be pre-determined. On the other hand, <Post-trigger buffer> is for users to upload certain amount of images after the motion event occurs.



NOTE: Normally the setting range of the <Pre-trigger buffer> is 1 to 20 frames. However, the setting range will change accordingly if the frame rate of MJPEG on the <Video Frame Rate> setting page is 6 or smaller.

Check the box <Continue image upload> to upload the triggered images during certain time or keep uploading until the trigger is off. Select <Upload for __sec> and enter the duration in the blank. The images of the duration will be uploading by E-mail when the motion event occurs. The setting range is from 1 to 99999 sec. Select <Upload during the trigger active> to make the images keep being uploaded to E-mail during the trigger active until the event stops. Set the Image frequency

as the upload frame rate. The setting range is from 1 to 15 frames per second.



NOTE: Make sure SMTP configuration has been completed. Refer to section [Mail](#) for further details.

- **Send HTTP Notification**

Check this item, select the destination HTTP address, and specify the parameters for event notifications by <Motion Detection> triggered. When an alarm is triggered, the notification can be sent to the specified HTTP server.

For instance, if the custom parameter is set as “[action=1&group=2](#)”, and the HTTP server name is “[http://192.168.0.1/admin.php](#)”, the notification will be sent to HTTP server as “[http://192.168.0.1/admin.php?action=1&group=2](#)” when alarm is triggered.

- **Record Video Clip**

Check this item and select a video recording storage type, <SD Card> or <NAS> (Network-Attached Storage). The Motion Detection recording will be stored in microSD / SDXC card or the NAS when motion is detected.

Pre-trigger buffer recording function allows users to check what happened to cause the trigger. The pre-trigger buffer time range is from 1 sec. to 3 sec. Select <Upload for ___ sec> to set the recording duration after motion is triggered. The setting range is from 1 to 99999 sec. Select <Upload during the trigger active> to record the triggered video until the trigger is off.



NOTE: Please make sure the local recording (with microSD / SDXC card) or the remote recording (with NAS) is activated so that this function can be implemented. Refer to section [Recording](#) for further details.

File Name

Enter a file name in the blank, eg. image.jpg. The uploaded image's file name format can be set in this section. Please select the one that meets the requirements.

- **Add date/time suffix**

File name: imageYYMMDD_HHNNSS_XX.jpg

Y: Year, M: Month, D: Day

H: Hour, N: Minute, S: Second

X: Sequence Number

- **Add sequence number suffix (no maximum value)**

File name: imageXXXXXXXX.jpg

X: Sequence Number

- **Add sequence number suffix up to # and then start over**

File Name: imageXX.jpg

X: Sequence Number

The file name suffix will end at the number being set. For example, if the setting is up to "10", the file name will start from 00, end at 10, and then start all over again.

- **Overwrite**

The original image in the FTP site will be overwritten by the new uploaded file with a static filename.

Save

Click on <Save> to save the settings.

2.2.8.3 Network Failure Detection

The Network Failure Detection setting can be found under this path: **System> Events> Network Failure Detection**.

Network Failure Detection allows the camera to ping another IP device (e.g. NVR, VSS, Video Server, etc.) within the network periodically and generates some actions in case of network failure occurs, for instance, a Video Server is somehow disconnected.

Being capable of implementing local recording (through microSD / SDXC card) or remote recording (via NAS) when network failure happens, the camera can be a backup recording device for the surveillance system.

Detection Switch

The default setting for the Detection Switch function is <Off>. Enable the function by selecting <On>. Users can also activate the function according to the schedule time that is previously set in the <Schedule> setting page. Select <By schedule> and click <Please select...> to choose the desired schedule from the drop-down menu.

Detection Type

Input the IP device address and the period of ping time to ping. The camera will ping the IP device every N minute(s). If it fails for up to three times, the alarm will be triggered. The ping time setting range is from 1 to 99 min.

Triggered Action

The administrator can specify alarm actions that will take when network failure is detected. All options are listed as follows.

- **Enable Alarm Output (high/low)**
Select the item to enable alarm relay output.
- **Send Alarm Message by FTP/E-Mail**
The administrator can select whether to send an alarm message by FTP and/or E-mail when an alarm is triggered.
- **Record Video Clip**
Check the item and select a video recording storage type, <SD Card> or <NAS> (Network-Attached Storage). The alarm-triggered recording will be saved into the microSD / SDXC card.

Pre-trigger buffer recording function allows users to check what happened to cause the trigger. The pre-trigger buffer time range is from 1 to 3 sec. Select <Upload for ___ sec> to set the recording duration after alarm is triggered. The setting range is from 1 to 99999 sec. Select <Upload during the trigger active> to record the triggered video until the trigger is off.



NOTE: Please make sure the local recording (with microSD / SDXC card) or the remote recording (with NAS) is activated so that this function can be implemented. Refer to section [Recording](#) for further details.

Save

Click on the <Save> button to save all the settings mentioned above.

2.2.8.4 Tampering

The Tampering setting can be found under this path: **System> Events> Tampering.**

Tampering Alarm function helps the IP camera against tampering, such as deliberate redirection, blocking, paint spray, and lens cover, etc., through video analysis and reaction to such events by sending out notifications or uploading snapshots to the specified destination(s).

Detection of camera tampering is achieved by measuring the differences between the older frames of video (which are stored in buffers) and more recent frames.

Tampering Alarm

The default setting for the Tampering Alarm function is <Off>. Enable the function by selecting <On>. Users can also activate the function according to the schedule previously set in the <Schedule> setting page. Select <By schedule> and click <Please select...> to choose the desired schedule from the drop-down menu.

Tampering Duration

Minimum Tampering Duration is the time for video analysis to determine whether camera tampering has occurred. Minimum Duration could also be interpreted as defining the Tampering threshold; longer duration represents higher threshold.

Settable Tampering Duration time range is from 10 to 3600 sec. The Default value is 20 sec.

Triggered Action

The administrator can specify alarm actions that will take when tampering is detected. All options are listed as follows.

- **Enable Alarm Output (high/low)**
Check the item and select the predefined type of alarm output to enable alarm output when tampering is detected.

- **Send Message by FTP/E-Mail**
The administrator can select whether to send an alarm message by FTP and/or E-mail when tampering is detected.

- **Upload Image by FTP**
Select this item and the administrator can assign an FTP site and configure various parameters. When tampering is detected, event images will be uploaded to the appointed FTP site.

<Pre-trigger buffer> function allows users to check what caused the trigger. The <Pre-trigger buffer> frame rate could be pre-determined. On the other hand, <Post-trigger buffer> is for users to upload certain amount of images after tampering is triggered.



NOTE: Normally the setting range of the <Pre-trigger buffer> is 1 to 20. However, the setting range will change accordingly if the frame rate of MJPEG on the <Video Frame Rate> setting page is 6 or smaller.

Check the box <Continue image upload> to upload the triggered images during certain time or keep uploading until the trigger is off. Select <Upload for __ sec> and enter the duration in the blank. The images of the duration will be uploaded to FTP when tampering is triggered. The setting range is from 1 to 99999 sec. Select <Upload during the trigger active> to make the images keep being upload to FTP during the trigger active until the tampering stops. Set the Image frequency as the upload frame rate. The setting range is from 1 to 15 frames.



NOTE: Make sure FTP configuration has been completed. Refer to section [FTP](#) for further details.

- **Upload Image by E-Mail**

Select this item and the administrator can assign an E-mail address and configure various parameters. When tampering is detected, event images will be sent to the appointed E-mail address.

<Pre-trigger buffer> function allows users to check what caused the trigger. The <Pre-trigger buffer> frame rate could be pre-determined. On the other hand, <Post-trigger buffer> is for users to upload certain amount of images after tampering occurs.



NOTE: Normally the setting range of the <Pre-trigger buffer> is 1 to 20. However, the setting range will change accordingly if the frame rate of MJPEG on the <Video Frame Rate> setting page is 6 or smaller.

Check the box <Continue image upload> to upload the triggered images during certain time or keep uploading until the trigger is off. Select <Upload for ___ sec> and enter the duration in the blank. The images of the duration will be uploading by E-mail when tampering is triggered. The setting range is from 1 to 99999 sec. Select <Upload during the trigger active> to make the images keep being upload to E-mail during the trigger active until tampering stops. Set the Image frequency as the upload frame rate. The setting range is from 1 to 20 frames.



NOTE: Make sure SMTP configuration has been completed. Refer to section [Mail](#) for further details.

- **Send HTTP Notification**

Check this item, select the destination HTTP address, and specify the parameters for HTTP notifications. When the Tampering Alarm is triggered, the HTTP notifications can be sent to the specified HTTP server.

For instance, if the custom parameter is set as “[action=1&group=2](#)”, and the HTTP server name is “[http://192.168.0.1/admin.php](#)”, the notification will be sent to HTTP server as “[http://192.168.0.1/admin.php?action=1&group=2](#)” when alarm is triggered.

- **Record Video Clip**

Check this item and select a video recording storage type, <SD Card> or <NAS> (Network-Attached Storage). The alarm-triggered recording will be stored into microSD / SDXC card or the NAS.

<Pre-trigger buffer> recording function allows users to check what caused the trigger. The pre-trigger buffer time range is from 1 to 3 sec. Select <Upload for ___ sec> to set the recording duration after tampering occurs. The setting range is from 1 to 99999 sec. Select <Upload during the trigger active> to record the triggered video until the trigger is off.



NOTE: Please make sure the local recording (with microSD / SDXC card) or the remote recording (with NAS) is activated so that this function can be implemented. Refer to section [Recording](#) for further details.

File Name

Enter a file name in the blank, e.g. image.jpg. The uploaded image's file name format can be set in this section. Please select the one that meets the requirements.

- **Add date/time suffix**

File name: imageYYMMDD_HHNNSS_XX.jpg

Y: Year, M: Month, D: Day

H: Hour, N: Minute, S: Second

X: Sequence Number

- **Add sequence number suffix (no maximum value)**

File name: imageXXXXXXXXX.jpg

X: Sequence Number

- **Add sequence number suffix up to # and then start over**

File Name: imageXX.jpg

X: Sequence Number

The file name suffix will end at the number being set. For example, if the setting is up to "10", the file name will start from 00, end at 10, and then start all over again.

- **Overwrite**

The original image in the FTP site will be overwritten by the new uploaded file with a static filename.

Save

Click on <Save> to save all the settings mentioned above.

2.2.8.5 Periodical Event

The Periodical Event setting can be found under this path: **System> Events> Periodical Event**.

With Periodical Event setting, users can set the camera to upload images periodically to an FTP site or an E-mail address. For example, if the time interval is set to 60 seconds, the camera will upload images to the FTP site or the E-mail address every 60 seconds. The images to be uploaded are the images before and after the triggered moment. Users can define how many images to be uploaded in the <Triggered Action> section of this setting page.

Periodical Event

The default setting for the Periodical Event function is <Off>. Enable the function by selecting <On>.

Time Interval

The default value of the time interval is 60 seconds. The setting range of the time interval is from 60 to 3600 seconds.

Triggered Action

- **Upload Image by FTP**

Select this item and the administrator can assign an FTP site and configure various parameters. Images will be uploaded to the appointed FTP site periodically.

The <Pre-trigger buffer> function can define how many images to be uploaded before the triggered moment. The <Post-trigger buffer> function can define how many images to be uploaded after the triggered moment.



NOTE: Normally the setting range of the <Pre-trigger buffer> is 1 to 20 frames. However, the setting range will change accordingly

if the frame rate of MJPEG on the <Video Frame Rate> setting page is 6 or smaller.



NOTE: Make sure FTP configuration has been completed. Refer to section [FTP](#) of this chapter for further details.

- **Upload Image by E-mail**

Select this item and the administrator can assign an E-mail address and configure various parameters. Images will be uploaded to the appointed E-mail address periodically.

The <Pre-trigger buffer> function can define how many images to be uploaded before the triggered moment. The <Post-trigger buffer> function can define how many images to be uploaded after the triggered moment.



NOTE: Normally the setting range of the <Pre-trigger buffer> is 1 to 20 frames. However, the setting range will change accordingly if the frame rate of MJPEG on the <Video Frame Rate> setting page is 6 or smaller.



NOTE: Make sure SMTP configuration has been completed. Refer to section [Mail](#) of this chapter for further details.

File Name

Enter a file name in the blank, e.g. image.jpg. The uploaded image's file name format can be set in this section. Please select the one that meets the requirements.

- **Add date/time suffix**

File name: imageYYMMDD_HHNNSS_XX.jpg

Y: Year, M: Month, D: Day

H: Hour, N: Minute, S: Second

X: Sequence Number

- **Add sequence number suffix (no maximum value)**

File name: imageXXXXXXXXX.jpg

X: Sequence Number

- **Add sequence number suffix up to # and then start over**

File Name: imageXX.jpg

X: Sequence Number

The file name suffix will end at the number being set. For example, if the setting is up to “10”, the file name will start from 00, end at 10, and then start all over again.

- **Overwrite**

The original image in the FTP site will be overwritten by the new uploaded file with a static filename.

Save

Click on <Save> to save all the settings mentioned above.

2.2.8.6 Manual Trigger

The Manual Trigger setting can be found under this path: **System> Events> Manual Trigger**.

With Manual Trigger setting, the current image(s) or video can be uploaded to the appointed destination, such as an FTP site or an E-mail address. The administrator can specify the triggered actions that will take when the users switch the Manual Trigger button to ON. All options are listed as follows.

Manual Trigger

The default setting for the Manual Trigger function is <Off>. Enable the function by selecting <On>. After the Manual Trigger function is enabled, click the Manual Trigger button on the Home page to start uploading data. Click again to stop uploading.

Triggered Action

The administrator can specify alarm actions that will take at an alarm occurrence. All options are listed as follows.

- **Enable Alarm Output (high/low)**
Select these items to enable alarm relay outputs.
- **IR Cut Filter**
Select the item and the IR cut filter (ICR) of the camera will be removed (on) or blocked (off) when alarm input is triggered.



NOTE: The IR Function (refer to section [IR Function](#)) could not be set as <Auto> mode if this triggered action is enabled.



NOTE: This function is only available for models with IR cut filter.

- **Send Message by FTP/E-Mail**

The administrator can select whether to send an alarm message by FTP and/or E-mail when an alarm is triggered.

- **Upload Image by FTP**

Select this item and the administrator can assign an FTP site and configure various parameters. When the alarm is triggered, event images will be uploaded to the appointed FTP site.

<Pre-trigger buffer> function allows users to check what happened to cause the trigger. The <Pre-trigger buffer> frame rate could be pre-determined. On the other hand, <Post-trigger buffer> is for users to upload certain amount of images after the alarm input is triggered.



NOTE: Normally the setting range of the <Pre-trigger buffer> is 1 to 20 frames. However, the setting range will change accordingly if the frame rate of MJPEG on the <Video Frame Rate> setting page is 6 or smaller.

Check the box <Continue image upload> to upload the triggered images during certain time or keep uploading until the trigger is off. Select <Upload for __sec> and enter the duration in the blank. The images of the duration will be uploaded to FTP when the alarm input is triggered. The setting range is from 1 to 99999 sec. Select <Upload during the trigger active> to make the images keep being uploaded to FTP during the trigger active until the alarm is released. Set the Image frequency as the upload frame rate. The setting range is from 1 to 15 frames per second.



NOTE: Make sure the FTP configuration has been completed. Refer to section [FTP](#) for further details.

- **Upload Image by E-Mail**

Select this item and the administrator can assign an E-mail address and configure various parameters. When the alarm is triggered, event images will be sent to the appointed E-mail address.

<Pre-trigger buffer> function allows users to check what happened to cause the trigger. The <Pre-trigger buffer> frame rate could be pre-determined. On the other hand, <Post-trigger buffer> is for users to upload certain amount of images after alarm input is triggered.



NOTE: Normally the setting range of the <Pre-trigger buffer> is 1 to 20 frames. However, the setting range will change accordingly if the frame rate of MJPEG on the <Video Frame Rate> setting page is 6 or smaller.

Check the box <Continue image upload> to upload the triggered images during certain time or keep uploading until the trigger is off. Select <Upload for __sec> and enter the duration in the blank. The images of the duration will be uploading by E-mail when the alarm input is triggered. The setting range is from 1 to 99999 sec. Select <Upload during the trigger active> to make the images keep being uploaded to E-mail during the trigger active until the alarm is released. Set the Image frequency as the upload frame rate. The setting range is from 1 to 15 frames per second.



NOTE: Make sure SMTP configuration has been completed. Please refer to section [Mail](#) for further details.

- **Send HTTP notification**

Check this item, select the destination HTTP address, and specify the parameters for event notifications by <Alarm> triggered. When an alarm is triggered, the notification can be sent to the specified HTTP server.

For instance, if the custom parameter is set as “[action=1&group=2](#)”, and the HTTP server name is “<http://192.168.0.1/admin.php>”, the notification will be sent to HTTP server as “<http://192.168.0.1/admin.php?action=1&group=2>” when alarm is triggered.

- **Record Video Clip**

Check the item and select a video recording storage type, <SD Card> or <NAS> (Network-Attached Storage). The alarm-triggered recording will be saved into the microSD / SDXC card or the NAS.

Pre-trigger buffer recording function allows users to check what happened to cause the trigger. The pre-trigger buffer time range is from 1 to 3 sec. Select <Upload for ___ sec> to set the recording duration after alarm is triggered. The setting range is from 1 to 99999 sec. Select <Upload during the trigger active> to record the triggered video until the trigger is off.



NOTE: Please make sure the local recording (with microSD / SDHC card) or the remote recording (with NAS) is activated so that this function can be implemented. Refer to section [Recording](#) for further details.

File Name

Enter a file name in the File name field, ex. image.jpg. The uploaded image's file name format can be set in this section. Please select the one that meets the requirements.

- **Add date/time suffix**

File name: imageYYMMDD_HHNNSS_XX.jpg

Y: Year, M: Month, D: Day

H: Hour, N: Minute, S: Second

X: Sequence Number

- **Add sequence number suffix (no maximum value)**

File name: imageXXXXXXXXX.jpg

X: Sequence Number

- **Add sequence number suffix up to # and then start over**

File Name: imageXX.jpg

X: Sequence Number

The file name suffix will end at the number being set. For example, if the setting is up to “10”, the file name will start from 00, end at 10, and then start all over again.

- **Overwrite**

The original image in the FTP site will be overwritten by the new uploaded file with a static filename.

Save

Click on <Save> to save all the settings mentioned above.

2.2.8.7 Audio Detection

The Audio Detection setting can be found under this path: **System> Events> Audio Detection**.

Audio Detection function allows the camera to detect audio and trigger alarms when audio volume in the detected area reaches / exceeds the determined sensitivity threshold value.



NOTE: Audio Detection function is only available for models equipped with Audio I/O function.

Audio Detection

In Audio Detection Setting, the default setting for the Audio Detection function is <Off>. Enable the function by selecting <On>.

Audio Detection Setting

Users could adjust various parameters of Audio Detection in this section.

- **Detection level [1-100]:**
The item is to set detection level for each sampling volume; the smaller the value, the more sensitive it is. The default level is 10.
- **Time interval (sec) [0-7200]:**
The value is the interval between each detected audio. The default interval is 10.

Triggered Action

The administrator can specify alarm actions that will take when audio is detected. All options are listed as follows.

- **Enable Alarm Output (high/low)**
Select these items to enable alarm relay outputs.
- **Send Alarm Message by FTP/E-Mail**
The administrator can select whether to send an alarm message by FTP and/or E-mail when audio is detected.

- **Upload Image by FTP**

Select this item and the administrator can assign an FTP site and configure various parameters. When audio is detected, event images will be uploaded to the appointed FTP site.

<Pre-trigger buffer> function allows users to check what happened to cause the trigger. The <Pre-trigger buffer> frame rate could be pre-determined. On the other hand, <Post-trigger buffer> is for users to upload certain amount of images after audio event occurs.



NOTE: Normally the setting range of the <Pre-trigger buffer> is 1 to 20 frames. However, the setting range will change accordingly if the frame rate of MJPEG on the <Video Frame Rate> setting page is 6 or smaller.

Check the box <Continue image upload> to upload the triggered images during certain time or keep uploading until the trigger is off. Select <Upload for __sec> and enter the duration in the blank. The images of the duration will be uploaded to FTP when the audio event occurs. The setting range is from 1 to 99999 sec. Select <Upload during the trigger active> to make the images keep being uploaded to FTP during the trigger active until the event stops. Set the Image frequency as the upload frame rate. The setting range is from 1 to 15 frames per second.



NOTE: Make sure FTP configuration has been completed. Refer to section [FTP](#) for further details.

- **Upload Image by E-Mail**

Select this item and the administrator can assign an E-mail address and configure various parameters. When audio is detected, event images will be sent to the appointed E-mail address.

<Pre-trigger buffer> function allows users to check what happened to cause the trigger. The <Pre-trigger buffer> frame rate could be pre-determined. On the other hand, <Post-trigger buffer> is for users to upload certain amount of images after the audio event occurs.



NOTE: Normally the setting range of the <Pre-trigger buffer> is 1 to 20 frames. However, the setting range will change accordingly if the frame rate of MJPEG on the <Video Frame Rate> setting page is 6 or smaller.

Check the box <Continue image upload> to upload the triggered images during certain time or keep uploading until the trigger is off. Select <Upload for ___sec> and enter the duration in the blank. The images of the duration will be uploading by E-mail when the audio event occurs. The setting range is from 1 to 99999 sec. Select <Upload during the trigger active> to make the images keep being uploaded to E-mail during the trigger active until the event stops. Set the Image frequency as the upload frame rate. The setting range is from 1 to 15 frames per second.



NOTE: Make sure SMTP configuration has been completed. Refer to section [Mail](#) for further details.

- **Send HTTP Notification**

Check this item, select the destination HTTP address, and specify the parameters for event notifications by <Audio Detection> triggered. When an alarm is triggered, the notification can be sent to the specified HTTP server.

For instance, if the custom parameter is set as “[action=1&group=2](#)”, and the HTTP server name is “[http://192.168.0.1/admin.php](#)”, the notification will be sent to HTTP server as “[http://192.168.0.1/admin.php?action=1&group=2](#)” when alarm is triggered.

- **Record Video Clip**

Check this item and select a video recording storage type, <SD Card> or <NAS> (Network-Attached Storage). The Audio Detection recording will be stored in microSD / SDXC card or the NAS when audio is detected.

Pre-trigger buffer recording function allows users to check what happened to cause the trigger. The pre-trigger buffer time range is from 1 to 3 sec. Select <Upload for ___ sec> to set the recording duration after audio is triggered. The setting range is from 1 to 99999 sec. Select <Upload during the trigger active> to record the triggered video until the trigger is off.



NOTE: Please make sure the local recording (with microSD / SDXC card) or the remote recording (with NAS) is activated so that this function can be implemented. Refer to section [Recording](#) for further details.

File Name

Enter a file name in the blank, e.g. image.jpg. The uploaded image's file name format can be set in this section. Please select the one that meets the requirements.

- **Add date/time suffix**

File name: imageYYMMDD_HHNNSS_XX.jpg

Y: Year, M: Month, D: Day

H: Hour, N: Minute, S: Second

X: Sequence Number

- **Add sequence number suffix (no maximum value)**

File name: imageXXXXXXXX.jpg

X: Sequence Number

- **Add sequence number suffix up to # and then start over**

File Name: imageXX.jpg

X: Sequence Number

The file name suffix will end at the number being set. For example, if the setting is up to "10", the file name will start from 00, end at 10, and then start all over again.

- **Overwrite**

The original image in the FTP site will be overwritten by the new uploaded file with a static filename.

Save

Please click on the <Save> button to save all the Audio Detection settings mentioned above.

2.2.9 Storage Management

The Storage Management setting can be found under this path: **System> Storage Management**.

Click on the <Storage Management> category, there will be a drop-down menu with tabs including <SD Card> and <Network Share>.

2.2.9.1 SD Card

The SD Card setting can be found under this path: **System> Storage Management> SD Card**.

Users can implement local recording to the microSD / SDXC card up to 32GB. This page shows the capacity information of the microSD / SDXC card and a recording list with all the recording files saved on the memory card. Users can also format the microSD / SDXC card and implement automatic recording cleanup through the setting page.

To implement microSD / SDXC card recording, please go to the <Recording> page (refer to section [Recording](#)) for activation.



NOTE: Please format the microSD / SDXC card when using it for the first time. Formatting will also be required when a memory card is being used on one camera and later transferred to another camera with different software platform.



NOTE: It is not recommended to record with the microSD / SDXC card for 24/7 continuously, as it may not be able to support long term continuous data read/write. Please contact the manufacturer of the microSD / SDXC card for information regarding the reliability and the life expectancy.

Device Information

When users insert the microSD / SDXC card, the card information such as the memory capacity and status will be shown at the <Device Information> section.

Device Setting

Click on the <Format> button to format the memory card. Two filesystems are provided, <vfat (default)> and <ext4 (recommended)>. It is recommended select <ext4> as the filesystem of the memory card for steady and better performances.

Disk Cleanup Setting

Users can enable automatic recordings cleanup by specifying the time <1~999 day(s) or 1~142 week(s)> and storage limits <1~99% full>.

Recording List

Each video file on the microSD / SDXC card will be listed in the recording list. The maximum file size is 60 MB/per file.

When the recording mode is set as <Always> (consecutive recording) and the microSD / SDXC card recording is also allowed to be enabled by events triggered, once events occur, the system will immediately implement events recording to the memory card. After the recording of the events are finished, the camera will return to the regular recording mode.

- **Remove**

To remove a file, select the file first, and then click on the <Remove> button.

- **Sort**

Click on the <Sort> button, and the files in the Recording list will be listed in name and date order.



NOTE: The capital letter A / M / N / R / V / U appearing in the very beginning of name denotes the sort of the recording: A stands for Alarm; M stands for Motion; N stands for Network Failure; R stands for Regular Recording; V stands for Manual Trigger; U stands for Audio Detection.

- **Download**

To open / download a video clip, select the file first, and then click on the <download> button below the Recording list field. The selected file window will pop up. Click on the AVI file to directly play the video in the player or download it to a specified location.

2.2.9.2 Network Share (NAS)

The Network Share setting can be found under this path: **System> Storage Management> Network Share**.

Users can store the recording videos to a network share folder, or NAS (Network-Attached Storage). A NAS device is used for data storage and data sharing via network. This page displays the capacity information of the network device and a recording list with all the recording files saved on the network device. Users can also format the NAS and implement automatic recording cleanup through the setting page.

Device information

When a NAS is successfully installed, the device information such as the memory capacity and status will be shown at the <Device Information> section.

Storage setting

The administrator can set the camera to send the alarm messages to a specific NAS site when an alarm is triggered. Enter the network device details, which include host (the IP of the NAS), share (the folder name of the NAS), user name, and password, in the fields.

Click on <Save> when finished.

Storage Tools

Click on the <Format> button to format the NAS.

Disk cleanup setting

Users can enable automatic recordings cleanup by specifying the time <1~99 day(s) or 1~142 week(s)> and storage limits <1~99% full>.

Recording List

Each video file on the Network Share will be listed in the Recording list. The maximum file size is 60 MB/per file.

When the recording mode is set as <Always> (consecutive recording) and the NAS recording is also allowed to be enabled by events triggered, once events occur, the system will immediately implement events recording to the memory card. After the recording of the events are finished, the camera will return to the regular recording mode.

- **Remove**

To remove a file, select the file first, and then click on the <Remove> button.

- **Sort**

Click on the <Sort> button, and the files in the Recording list will be listed in name and date order.



NOTE: The capital letter A / M / N / R / V / U appearing in the very beginning of name denotes the sort of the recording: A stands for Alarm; M stands for Motion; N stands for Network Failure; R stands for Regular Recording; V stands for Manual Trigger; U stands for Audio Detection.

- **Download**

To open / download a video clip, select the file first, and then click on the <download> button below the Recording list field. The selected file window will pop up. Click on the AVI file to directly play the video in the player or download it to a specified location.

2.2.10 Recording

The Recording setting can be found under this path: **System> Recording**.

In the <Recording> setting page, users can specify the recording schedule that fits the present surveillance requirement.

Recording

Recording Storage

SD Card
 Network Share

Recording Schedule

Disable
 Always
 Only during time frame

	Weekday	Start time	Duration
1	0 - - - - 0	00:00	24:00
2	- - - - -	----	----
3	- - - - -	----	----
4	- - - - -	----	----
5	- - - - -	----	----
6	- - - - -	----	----
7	- - - - -	----	----
8	- - - - -	----	----
9	- - - - -	----	----
10	- - - - -	----	----

Sun Mon Tue Wed Thu Fri Sat

Start time : Duration :

Recording Storage

Select a recording storage type, <SD Card> or <Network Share>.

Activating the Recording Schedule

Two types of schedule mode are offered: <Always> and <Only during time frame>. Users can select <Always> to activate microSD / SDXC card or Network Share Recording all the time. Or, select a set of schedule from the time frame blank, check specific weekdays and setup the start time (hour:minute) and time period (hour:minute) to activate the recording at certain time frames. The setting range for the duration time is from 00:00 to 168:59. Please click on <Save> to save the setup.

Select a recording schedule from the schedule list, and click <Delete> to delete the recording schedule.

Terminating the Recording Schedule

Select <Disable> to terminate the recording function.

2.2.11 Schedule

The Schedule setting can be found under this path: **System> Schedule**.

This function allows users to setup schedules for features including: <Alarm Switch>, <Motion Detection> and <Network Failure Detection>. The function supports up to 10 sets of time frames in the time frame list.

	Weekday	Start time	Duration
1	○ - - - - ○	day	---
2	- ○ ○ - - - -	06:00	12:00
3	- - - - -	---	---
4	- - - - -	---	---
5	- - - - -	---	---
6	- - - - -	---	---
7	- - - - -	---	---
8	- - - - -	---	---
9	- - - - -	---	---
10	- - - - -	---	---

Sun Mon Tue Wed Thu Fri Sat

Day
 Night
 Time

Start time : 06:00 Duration : 12:00

Save Delete

Setting Schedules

To set a schedule, select a time frame from the time frame list first. Then check the weekday boxes below to choose the specific weekdays. At last, select a time mode, Day, Night or Time. Under Time mode, specify the start time (hour:minute) and the time duration (hour:minute) to activate the schedule triggered features. The setting range for the time duration is from 00:00 to 168:59. Click on <Delete> to delete a chosen time frame. Click on <Save> to save the setup.

Time Mode

- **Day**
The camera profile will be loaded when IR cut filter is on.
- **Night**
The camera profile will be loaded when IR cut filter is off.
- **Time**
This indicates the start time and the time duration for the schedule.



NOTE: Users **MUST** select <By schedule> under each feature setting page to enable the schedule function.

2.2.12 File Location (Snapshots and Web Recording)

The File Location setting can be found under this path: **System> File Location**.

Users can specify a storage location on the PC or in the hard drive for the snapshots and the live video recordings. The default setting is: C:\. Once the setting is confirmed, click on <Save>, and all the snapshots and the web recordings will be saved in the designate location.



NOTE: Make sure the selected file path contains valid characters such as letters and numbers.



NOTE: With Windows 7 or Windows 8 operating system, to implement the Snapshot and Web Recording functions, users must run IE as administrator. To run IE as administrator, right click on the IE browser icon and select “Run As Administrator” to launch IE.

2.2.13 View Information

The View Information function can be found under this path: **System> View Information**.

Click on the category: <View Information>, there will be a drop-down menu with tabs including <Log File>, <User Information>, and <Parameters>.

2.2.13.1 Log File

The Log File function can be found under this path: **System> View Information> Log File**.

Click on the tab to view the system log file. The content of the file provides useful information about connections after system boot-up.

2.2.13.2 User Information

The User Information function can be found under this path: **System> View Information> User Information**.

The administrator can view the login information and privileges of each added user (refer to section [Security](#)).

Get User Information

All users in the network will be listed in the <User information> zone as shown below.

User: 4321

It indicates that one user's login username is "User", and the password is "4321".

Get User Privacy

Click on <get user privacy> at the bottom of the page, and the administrator can view each user's privileges as shown below.

User: 1:1:0:1

1:1:0:1= I/O access: Camera control: Talk: Listen (refer to section [Security](#))

Therefore, it denotes the user is granted privileges of I/O access, Camera control and Listen.

2.2.13.3 Parameters

The Parameters function can be found under this path: **System> View Information> Parameter**.

Click on this item to view the parameter settings of the entire system, such as Camera Settings, Mask Information and Network Information.

2.2.14 Factory Default

The Factory Default setting can be found under this path: **System> Factory Default**.

Users can follow the instructions on this page to reset the camera to factory default settings if needed.

Full Restore

Click on <Full Restore> to recall the factory default settings. The camera system will restart in 30 seconds. The IP address will be restored to default. After the camera system is restarted, reconnect the camera using the default IP address. The default IP address is **192.168.0.250**.

Partial Restore

Click on <Partial Restore> to recall the factory default settings (excluding network settings). The camera system will restart in 30 seconds. Refresh the browser page after the camera system is restarted.



NOTE: The IP address will not be restored to default.

Reboot

Click on <Reboot> and the camera system will restart without changing the current settings. Refresh the browser page after the camera system is restarted.

2.2.15 Software Version

The Software Version can be found under this path: **System> Software Version**.

The current software version is displayed on the software version page.

2.2.16 Software Upgrade

The Software Upgrade setting can be found under this path: **System> Software Upgrade**.



NOTE: Make sure the upgrade software file is available before carrying out software upgrade.

The procedure of software upgrade is as below.

Step 1: Click on <Browse> and locate the upgrade file, for example, “ulmage_userland”.



NOTE: Do not change the name of the upgrade file, or the system will fail to find the file.

Step 2: Pick a file type from the drop-down list. In this case, select “ulmage+userland.img”.

Step 3: Click on the <Upgrade> button. Then the system will prepare to start the software upgrade. Subsequently, an upgrade status bar will be displayed on the page to show the current upgrade process. After the upgrade process is finished, the DCviewer will return to the <Home> page.

Step 4: Close the video browser.

Step 5: Click on <Start> and activate the <Control Panel>. In the appeared window, double click on <Add or Remove Programs>. A window with the <Currently install programs> list will popup. In the list, select <DCViewer> and click on <Remove> to uninstall the existing DCViewer.

Step 6: Open a new web browser and re-login the camera. Users will be prompted to download the DCViewer. Once the DCViewer is downloaded and installed, the live video will be available.

2.2.17 Maintenance

The Maintenance setting can be found under this path: **System> Maintenance**.

Users can export configuration files to a specified location and retrieve data by uploading the configuration file to the camera.

Export

Users can save the system settings by exporting a configuration file (.bin) to a specified location for future use. Click on the <Export> button, and the popup File Download window will come out. Click on <Save> and specify a desired location for saving the configuration file.

Upload

To upload a configuration file to the camera, click on <Browse> to select the configuration file and then click on the <Upload> button for uploading.

2.3 Streaming

Under the tab <**Streaming**>, there are categories including: <Video Format>, <Video Compression>, <Video OCX Protocol>, <Video Frame Rate>, and <Audio>.

Video Format

Video Resolution :
H.264 + H.264
Format 1 : 2688 x 1512 (25 fps) | H-264-1
Format 2 : 720 x 576 (25 fps) | H-264-2
BNC support : Yes
Save

Note :
Image attachment by FTP or E-mail will be available only while MJPEG streaming is selected.

Text Overlay Settings :
 Include date Include time
 Include text string:
 Include subtitle:
Save

Video Rotate Type :
180 degree rotate
Save

GOV Settings :
H.264-1 GOV Length : 50 H.264-2 GOV Length : 50
H.264-3 GOV Length : 25 H.264-4 GOV Length : 25
Save

H.264 Profile :
H.264-1 : Main profile H.264-2 : Main profile
H.264-3 : Main profile H.264-4 : Main profile
Save

In the Streaming submenu, the administrator can configure specific video resolution, video compression mode, video protocol, audio transmission mode, etc. Further details of these settings will be specified in the following sections.



NOTE: Only Administrator can access the <Streaming> configuration page.

2.3.1 Video Format (Video Resolution and Rotate Type)

The Video Format setting can be found under this path: **Streaming> Video Format**.

Video Resolution

Under Video Resolution section, the available video resolution formats include MJPEG and H.264. Please refer to [Appendix D: Video Resolution](#) for more combination details.

Click on <Save> to confirm the setting.

Text Overlay Settings

Users can select the items to display data, including date / time / text on the live video pane.

- **Include date/time**
Check the box to enable date, time, or date & time display on the Live Video Pane and decide the string align position from the drop-down list.
- **Include text string**
Check the box to enable text string display on the Live Video Pane and decide the string align position from the drop-down list. The maximum length of the text string is 15 alphanumeric characters.
- **Include subtitle**
Check the box to enable subtitle display on the Live Video Pane. Users can set at most 5 subtitles, and the maximum length of each subtitle is 16 alphanumeric characters.

Click on <Save> to confirm the Text Overlay setting.

Video Rotate Type

Users can change video display type if necessary. Selectable video rotate types include Normal video, Flip video, Mirror video, 90 degree clockwise, 180 degree rotate, and 90 degree counterclockwise. Refer to the following descriptions for the different video rotate type.

- **Flip video**
If <Flip video> is selected, the image will be rotated vertically.

- **Mirror video**
If <Mirror video> is select, the image will be rotated horizontally.
- **90 degree Counter-/clockwise**
Select <90 degree counter-/clockwise> to rotate the image by 90° counter-/clockwise.
- **180 degree rotate**
Select <180 degree rotate> to rotate the image by 180°.

Click on <Save> to confirm the setting.

GOV Settings

Users can set the GOV length to determine the frame structure (I-frames and P-frames) in a video stream for saving bandwidth. Less bandwidth is needed if the GOV length is set to a high value. However, the shorter the GOV length, the better the video quality is. The setting range is from 1 to 255. The default value for H.264-1 / H.264-2 / H.264-3 / H.264-4 is 60 / 60 / 30 / 30 (NTSC) or 50 / 50 / 25 / 25 (PAL). Click on <Save> to confirm the GOV setting.

H.264 Profile

Users can set each H.264 Profile to <Baseline Profile>, <Main Profile> or <High Profile> according to its compression needs. With the same bit rate, the higher the compression ratio, the better the image quality is. The default setting is <Main Profile>.



NOTE: Please make sure the higher compression ratio is supported by the system before setup.

Click on <Save> to confirm the setting.

2.3.2 Video Compression

The Video Compression setting can be found under this path: **Streaming> Video Compression**.

This setting page allows the administrator to adjust the bit rate of MJPEG and H.264-1 / H.264-2 / H.264-3 / H.264-4. Higher value implies higher bit rate and higher visual quality.

MJPEG Q (Quality) factor

The default setting of MJPEG Q factor is 35; the setting range is from 1 to 70.

H.264-1 / H.264-2 / H.264-3 / H.264-4 bit rate

and for H.264-4 is 1024 kbit/s. The setting range is from 64 to 20480 kbps, and The default setting of H.264-1 is 4096 kbit/s, for H.264-2 / H.264-3 is 2048 kbit/s, the total bit rate should not exceed 26624 kbps.

Compression Information Setting

Users can also decide whether to display compression information on the home page.

CBR Mode Setting

The CBR (Constant Bit Rate) mode could be the preferred bit rate mode if the bandwidth available is limited. It is important to take account of image quality while choosing to use CBR mode.

Click on <Save> to confirm the setting.

2.3.3 Video OCX Protocol

The Video OCX Protocol setting can be found under this path: **Streaming> Video OCX Protocol**.

In the <Video OCX protocol> setting page, the administrator can select RTP over UDP, RTP over RTSP(TCP), RTSP over HTTP or MJPEG over HTTP, for streaming media over the network. In the case of multicast networking, users can select the Multicast mode. Click on <Save> to confirm the setting.

Video OCX protocol setting options include:

- **RTP over UDP / RTP over RTSP(TCP) / RTSP over HTTP / MJPEG over HTTP**
- **Multicast Mode**
Enter all required data, including <Multicast IP address>, <Multicast H.264-1 / H.264-2 / H.264-3 / H.264-4 Video Port>, <Multicast MJPEG Video Port>, <Multicast Audio Port> and <Multicast TTL> into each blank.

Click on <Save> to confirm the setting.

2.3.4 Video Frame Rate

The Video Frame Rate setting can be found under this path: **Streaming> Video Frame Rate**.

Video frame rate is for setting the frames per second (fps) if necessary.

MJPEG / H.264-1 / H.264-2 / H.264-3 / H.264-4 Frame Rate

The default setting of MJPEG / H.264-1 / H.264-2 / H.264-3 / H.264-4 Frame Rate is 30 fps (NTSC) or 25 fps (PAL); the setting range is from 1 to 30 (NTSC) or 1 to 25 (PAL). The maximum range of MJPEG / H.264-1 / H.264-2 / H.264-3 / H.264-4 Frame Rate will change according to the selected video resolution on the <Video Format> page.



NOTE: Low frame rate will decrease video smoothness.

Click on <Save> to confirm the setting.

2.3.5 Audio (Audio Mode and Bit Rate Settings)

The Audio Mode setting can be found under this path: **Streaming> Audio**.

In this page, the administrator can adjust the sound transmission mode, the audio gain levels and the audio bit rate. Setting for enabling sound recording to the microSD / SDXC card is also available.

Transmission Mode

- **Full-duplex (Talk and Listen simultaneously)**
In the Full-duplex mode, the local and remote sites can communicate with each other simultaneously, i.e. both sites can speak and listen to the other side at the same time.
- **Half-duplex (Talk or Listen, not at the same time)**
In the Half-duplex mode, the local / remote site can only talk or listen to the other site at a time.
- **Simplex (Talk only)**
In the Talk only Simplex mode, the local / remote site can only talk to the other site.
- **Simplex (Listen only)**
In the Listen only Simplex mode, the local / remote site can only listen to the other site.
- **Disable**
Select the item to turn off the audio transmission function.

Server Gain Setting

Set the audio input / output gain levels for the sound amplification. The audio input gain value is adjustable from 1 to 10. The audio output gain value is adjustable from 1 to 6. The sound will be turned off if the audio gain is set to "Mute".

Bit Rate

Selectable audio transmission bit rate include 16 kbps, 24 kbps, 32 kbps, 40 kbps, uLAW (64 kbps), ALAW (64 kbps), AAC (128 kbps), PCM (128 kbps), PCM (256 kbps), PCM (384 kbps), and PCM (768 kbps). Higher bit rate will let higher audio quality and require bigger bandwidth. Click on <Save> to confirm the setting.

Recording to Storage

Select <Enable> from the drop-down menu to enable audio recording with videos into the microSD / SDXC card or the NAS.



NOTE: If the chosen bit rate is not compatible with the player, there will only be noise instead of audio during playback.

Click on <Save> to confirm the setting.

2.4 Camera

Under the tab <Camera>, there are submenus including: <Exposure>, <White Balance>, <Picture Adjustment>, <IR Function>, <Noise Reduction>, <Profile>, <Backlight>, <Digital Zoom>, <WDR Function>, <Fisheye Setting> and <TV System>.



2.4.1 Exposure

The Exposure setting can be found under this path: **Camera> Exposure**.

Exposure is the amount of light received by the image sensor. It is determined by the width of lens diaphragm opening, the shutter speed and other exposure parameters. With these items, users can define how the Auto Exposure function works. Users can select one of the exposure modes according to the operating environment. Each exposure mode is specified as follows.

Auto Mode

- **Max Gain**

Maximum Gain can be set to reduce image noises. The Max Gain ranges from 1 to 3, or select <Off> to disable the function. The default setting is 3.

- **Auto Iris (Fixed Focal Lens and Motorized Lens Excluded)**



In this mode, the camera will automatically adjust the iris to suit the environment illumination. The minimum shutter speed can be set from 1/30 to 1/2 sec. (NTSC) or 1/25 to 1/3 sec. (PAL). AGC (Auto Gain

Control) will function automatically according to the light conditions of the subject.







- **P-Iris Priority Mode (3x Zoom Lens and Motorized Lens Only)**

P-iris priority mode is only available for 3x Zoom Lens and Motorized Lens models only. In addition, applied with different lens, the related setting options also vary. Refer to the following for further details.

- **3x Zoom Lens**

Select <Auto Detect>, the camera will automatically detect the best iris size for the environment. Alternatively, users can manually adjust the iris size by selecting <Manual>. Click  and  to adjust the iris size. The minimum shutter speed can be set from 1/30 sec. to 1/2 sec. (NTSC) or 1/25 sec. to 1/3 sec. (PAL).

- **Motorized Lens Only**

Click on , and the camera will automatically detect the best iris size for the environment. If necessary, users can select  and  manually to adjust the iris size. Alternatively, click on  to reset the iris size, and the iris size will be set to the largest. Then, users can manually adjust the iris size by selecting  and . The minimum shutter speed can be set from 1/30 sec. to 1/2 sec. (NTSC) or 1/25 sec. to 1/3 sec. (PAL).

- **Iris Priority Mode (3x Zoom Lens Only)**

In this mode, it is the iris that has premier priority in control of the exposure. The range of the iris size is from 0 to 9, or selects <Full open> to fully open the iris. The minimum shutter speed can be set from 1/30 sec. to 1/2 sec. (NTSC) or 1/25 sec. to 1/3 sec. (PAL).

- **Auto Shutter Mode (Motorized Lens Excluded)**

In this mode, the camera will automatically adjust the shutter speed and the iris size according to the light intensity. It is also effective if a fixed iris lens is being used. The minimum shutter speed range is configurable from 1/500 to 1/2 sec. (NTSC) or 1/425 to 1/1.5 sec. (PAL) for 3x Zoom Lens Models, and from 1/500 to 1/2 sec. (NTSC) or 1/425 to 1/1.5 sec. (PAL) for Fixed Focal Lens and Fisheye Lens Models.

- **Shutter Priority Mode (Motorized and Fixed Focal Lens Excluded)**

In this mode, it is the shutter speed that takes the main control of the exposure. The range is configurable from 1/500 to 1/30 sec. (NTSC) or 1/425 or 1/25 sec. (PAL).



NOTE: This mode is not available for Fisheye IP Camera.







Manual Mode

With this mode, users can select the suitable shutter speed, iris size and gain value according to the environmental illumination. The shutter speed range is from 1/10000 to 1 sec. (NTSC) or from 1/10000 to 1/1.5 sec. (PAL) and from 1/10000 to 1 sec. (NTSC) or from 1/10000 to 1/3 sec. (PAL) for 3x Zoom Lens Models. The range of the iris size is from 0 to 9, or selects <Full open> to fully open the iris. The gain value range is from 1 to 9, or select <Off> to disable the function.



NOTE: The <Iris Size> setting is only available for models with 3x Zoom Lens.



NOTE: The <Gain> setting is not available for Box Camera. Note that for Motorized Lens models, the iris size setting differs. To set the iris size, click on , and the camera will auto detect the best iris size for the environment. If necessary, users still can manually adjust the iris size by selecting  and . Alternatively, click on  to reset the iris size. The iris size will be set to the largest. Then, users can manually adjust the iris size by selecting  and .

2.4.2 White Balance

The White Balance setting can be found under this path: **Camera> White Balance**.

A camera needs to find reference color temperature, which is a way of measuring the quality of a light source, for calculating all the other colors. The unit for measuring this ratio is in degree Kelvin (K). Users can select one of the White Balance Control modes according to the operating environment. The following table shows the color temperature of some light sources for reference.

Light Sources	Color Temperature in K
Cloudy Sky	6,000 to 8,000
Noon Sun and Clear Sky	6,500
Household Lighting	2,500 to 3,000
75-watt Bulb	2,820
Candle Flame	1,200 to 1,500

Auto Mode (Auto White Balance)


The Auto White Balance mode is suitable for environments with light source having color temperature in the range roughly from 2700K to 7800K.

ATW Mode (Auto Tracking White Balance)


With Auto Tracking White Balance function, the white balance in a scene will be automatically adjusted while temperature color is changing. The ATW Mode is suitable for environments with light source having color temperature in the range roughly from 2500K to 10000K.

One Push

With One Push function, white balance is adjusted and fixed according to the scene the camera sees at the moment. This function is best for situations with minimal scene changes and continuous lighting. The function is suitable for light sources with any kind of color temperature. Follow the steps below to set the white balance.

- Point the camera to the monitoring area.
- Select <One Push> in the White Balance setting menu
- Click the  button to adjust the color tone of the live images.



NOTE: In this mode, the value of white balance will not change as the scene or the light source varies. Therefore, users might have to re-adjust the white balance by clicking the  button again when needed.

Manual Mode

In this mode, users can manually adjust the White Balance value. Input a number between 0 to 127 for “Rgain / Bgain” to adjust the red / blue illuminant on the Live Video Pane. The following describes several situations that might occur during the White Balance manual adjustment.

- The video image turns reddish (as the left picture below).
The higher the Rgain value, the redder the image will be. To solve the problem, reduce the Rgain value, and the video image will turn less reddish.



Reddish Image



Corrected White Balance

- The video image turns greenish (as the left picture below).
The lower the Rgain value, the greener the image will be. To solve the problem, increase the Rgain value, and the video image will turn less greenish.



Greenish Image



Corrected White Balance

- The video image turns bluish (as the left picture below). The higher the Bgain value, the bluer the image will be. To solve the problem, reduce the Bgain value, and the video image will turn less bluish.



Bluish Image



Corrected White Balance

- The video image turns yellowish (as the left picture below). The lower the Bgain value, the yellower the image will be. To solve the problem, increase the Bgain value, and the video image will turn less yellowish.



Yellowish Image



Corrected White Balance

The following image displays the general color shifts of the scene when different Rgain / Bgain combinations are applied.



2.4.3 Picture Adjustment

The Picture Adjustment setting can be found under this path: **Camera> Picture Adjustment**.

Brightness

The brightness level of the images is adjustable from -12 to +13. The default value is 0.

Sharpness

The sharpness level of the images is adjustable from +0 to +15. The edge of the objects is enhanced as the sharpness level increases. The default value is +4.

Contrast

The contrast level of the images is adjustable from -6 to +19. The default value is 0.

Saturation

The saturation level of the images is adjustable from -6 to +19. The default value is 0.

Hue

The hue level of the images is adjustable from -12 to +13. The default value is 0.

2.4.4 IR Function

The IR Function setting can be found under this path: **Camera> IR Function**.



NOTE: This function is **ONLY** available for models with IR function.

Day/Night Function

This item is for users to define the action of the IR cut filter. Refer to the descriptions of each option below to select a suitable mode.

- **Auto Mode**
With this mode, the camera will decide the occasion to remove the IR cut filter.
- **Night Mode**
Use this mode when the environment light level is low. The IR cut filter will be removed to allow the camera to deliver clear images in black and white.
- **Day Mode**
Select this mode to turn on the IR cut filter. The IR cut filter can filter out the IR light and allows the camera to deliver high quality images in color.
- **Smart Mode**
With Smart mode, the camera will decide the occasion to remove the IR cut filter. The Smart mode mechanism can judge whether the main light source is from IR illumination. If so, the IR cut filter will be kept removed (i.e. monochrome/night mode).

For cameras with built-in IR LED module, there are three additional IR function modes available Light Sensor / Light On / Light Off.

- **Light Sensor Mode**
IR LED lights will be turned on / off depending on the light sensor.
- **Light On Mode**
In this mode, IR LED lights will always be on.
- **Light Off Mode**
In this mode, IR LED lights will always be off.



NOTE: <Light Sensor>, <Light On> and <Light Off> are not available for Zoom AF Box IP Camera and Box Camera.

Day/Night Threshold

This item is for users to set when the camera should switch from day mode to night mode or vice versa. The camera will sense the surrounding brightness, and the threshold value stands for the level of the light. Once the camera detects the light level reaches the set threshold, the camera will automatically switch to Day/Night Mode. The range of the level is from 0 to 10, (darker = 0; brighter = 10).

- **Night Mode to Day Mode**

The lower the value, the earlier the camera switches to Day mode. The default value is 7.

- **Day Mode to Night Mode**

The higher the value, the earlier the camera switches to Night mode. The default value is 3.



NOTE: Equipped with different CMOS sensors, the time the camera switches to Day/Night mode may also vary from models to models even if the threshold is set to the same value.

IR Light Compensation

With the IR Light Compensation function, the camera can prevent the center object close to the camera from being too bright when IR LED lights are turned on.

2.4.5 Noise Reduction

The Noise Reduction setting can be found under this path: **Camera> Noise Reduction**.

The camera provides multiple <Noise Reduction> options for delivering optimized image quality especially in extra low-light conditions.

3DNR

3DNR (3D Noise Reduction) function delivers optimized image quality especially in extra low-light conditions.

Different levels of 3DNR are provided, including Low, Mid and High. Higher level of 3DNR generates relatively enhanced noise reduction.

2DNR

2DNR (2D Noise Reduction) function delivers clear images without motion blurs in extra low-light conditions.

Select <on> to turn on 2DNR function; otherwise, select <off> to turn off 2DNR function.

ColorNR

In a dark or insufficient light environment and the camera is under color mode, ColorNR (Color Noise Reduction) can eliminate color noise.



Three levels of ColorNR, including Low, Mid and High, are provided. The higher level of ColorNR generates relatively enhanced noise reduction.

2.4.6 Profile


The Camera Profile setting can be found under this path: **Camera> Profile**.

Camera Profile allows users to setup the desired image parameters for specific environments with different time schedules. Users can setup at most 10 sets of camera parameter configuration under the Camera tab. To enable this function, users must setup the schedules in advance. Refer to section [Schedule](#) for further details of schedule setup. Then, follow the steps below to setup a camera profile.

Camera Profile Setup

- Step 1.** In the “Camera” tab, setup the camera parameters, such as White Balance, Picture Adjustment, etc., excluding TV System.
- Step 2.** Click on Profile and its setting menu will be displayed. Select a number from the Num drop-down list.
- Step 3.** Input a name for the profile in the Name field.
- Step 4.** Click on the  button below the Name field. The camera configuration is saved and applied to the profile. Now a camera profile is created and saved.
- Step 5.** Select a profile from the Num drop-down list.
- Step 6.** Tick the By schedule box. Check the desired schedule(s) from the Schedule drop-down list. Multiple schedules can be applied to one profile.
- Step 7.** Click on the  button below <By schedule>.
- Step 8.** Follow the steps above to set the rest of the profiles.

Now, the camera will automatically switch profiles according to the schedule.

Alternatively, manually select a number from the Num drop-down list. Then, click on the  button, the camera will load and applied the setting of the profile.



NOTE: If users wish to set the camera parameters to factory default setting, select <Normal> from the Num drop-down list. The camera will start loading the default values.



NOTE: Users **MUST** set the camera parameter of the last profile as the default setting. Thus, if there are gaps among schedules, the camera will apply the setting of the last profile.

2.4.7 Backlight

The Backlight setting can be found under this path: **Camera> Backlight**.

The Backlight Compensation function prevents the center object from being too dark in surroundings where excessive light is behind the center object. Select <on> to turn on the function; otherwise, select <off> to turn off the function.



NOTE: For 3M and 4M models, Backlight function will be unavailable when the TV system option is set to video format with “WDR 2 Shutter” or “WDR 3 shutter” under <TV System>.

2.4.8 Digital Zoom

The Digital Zoom setting can be found under this path: **Camera> Digital Zoom**.

The digital zoom of the camera is adjustable from x2 to x10.



NOTE: This function is **NOT** available for Fisheye IP Camera models.

2.4.9 WDR Function

The WDR Function setting can be found under this path: **Camera> WDR Function**.

The Wide Dynamic Range (WDR) function is for solving high contrast or changing light issues so that enhances better video display. Different level options for WDR include Low, Mid and Hi. Higher level of WDR represents wider dynamic range, so that the camera can catch a greater scale of brightness.

Gamma WDR

The Gamma Wide Dynamic Range (Gamma WDR) function is also designed to solve contrast or changing light issues and to enhance the video display quality. Different level options for Gamma WDR include Low, Mid and Hi. The higher the level, the wider the dynamic range is. Thus, the camera can catch a greater scale of brightness.

Shutter WDR

The shutter WDR function can be disabled by selecting <On>.



NOTE: <Gamma WDR> and <Shutter WDR> are only available for 3M / 4M models of the IP cameras. In addition, the TV system option must be set to video format with “WDR 2 Shutter” or “WDR 3 shutter” under <TV System>.

2.4.10 Fisheye Setting (Fisheye IP Camera Only)

The Fisheye setting can be found under this path: **Camera> Fisheye Setting**.

At this setting page, users can choose a dewarping method for correcting the fisheye source images, and select the camera's installation method to view the dewarped images with the correct viewing modes. Please refer to the following sub-sections [Fisheye Dewarping Type](#) and [Installation](#) for more details.

After a suitable dewarping method and the correct installation method are selected, users can view the dewarped images from the camera's web browser configuration interface. Click on the Fisheye Image Adjustment buttons on the home page and view the dewarped images in the preferred viewing mode. Alternatively, users can view the dewarped images through a backend device or via backend software that has dewarping function. Please refer to its User's Manual for more details.



NOTE: The Fisheye Image Adjustment buttons are different according to the dewarping method and installation method selected at this setting page. Please refer to the tables at sub-section [Fisheye Image Adjustment](#) under section [Function Items on Home Page](#) for the supported buttons.

Fisheye Dewarping Type

This item is for users to choose a method to dewarp the fisheye source images. The options are <Front End Correction> and <Back End Correction>. Please see below for more details. After a dewarping method is selected, click <Save> to confirm the setting.

- **Front End Camera Dewarping**

Front End Camera Dewarping is a dewarping method that corrects fisheye source images only by the camera. Dewarping images by the camera can reduce network usage and image processing load of the backend device. It also allows the camera to record or take snapshots of the dewarped images.

With this method, when viewing the dewarped images from the camera's web browser configuration interface, video format needs to be set to the second stream. Refer to the following instructions to view the dewarped images.

Step 1. Select the camera's installation method at <Installation> and click <Save>. For more details, please refer to sub-section [Installation](#) below.

Step 2. On the home page, set the <Video format> under the live video window as H.264-2 or MJPEG.

Step 3. The Fisheye Image Adjustment buttons will appear on the home page and under <Installation> at the <Fisheye Setting> setting page.

Step 4. Users can view the dewarped images on the home page or at the <Fisheye Setting> setting page. Click on the buttons to view the dewarped images in the preferred viewing mode.

- **Back End Software Dewarping**

Back End Software Dewarping is a dewarping method that corrects the fisheye source images by a backend device or a backend software with dewarping function. Dewarping by this method can correct high resolution images and deliver clear dewarped images.

With this method, users can also view the dewarped images from the camera's web browser configuration interface. The video format can be set to any available stream. The fisheye source images will be dewarped by the Viewer and displayed on the home page. However, users can only record video or take snapshots of the fisheye source images delivered from the camera.

Installation

This item is for users to select the camera's installation method, so the dewarped images can be viewed with the correct viewing modes. Select a method from the drop-down list according to the location that the camera is installed. Choose <Ceiling Mount> if the camera is mounted to the ceiling, or select <Wall Mount> if the camera is mounted to the wall.

Refresh Rate

This item is for users to adjust the speed of the virtual PTZ. The refresh speed options are 5, 10, 15, and 20. The larger the value, the faster the pan tilt movement is.



NOTE: This item is only available when <Front End Camera Dewarping> is selected in <Fisheye Dewarping Type>.

Horizontal Calibration

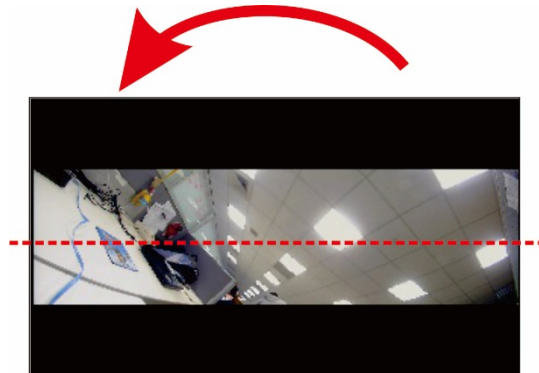
This item is for users to calibrate images counterclockwise / clockwise.



NOTE: This item is only available when <Back End Software Dewarping> is selected in <Fisheye Dewarping Type> and <Wall Mount> is selected in <Installation>.

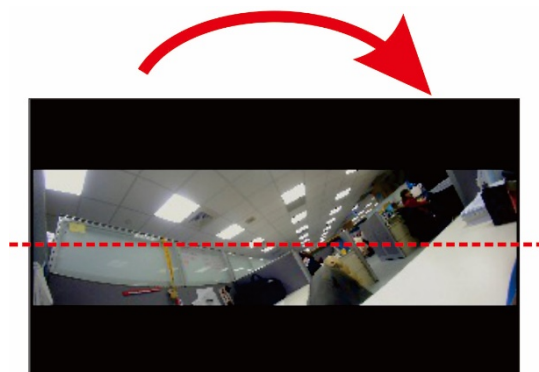
- **Counterclockwise**

Users can click on the <1> or <10> button to calibrate the image counterclockwise one degree or ten degrees.



- **Clockwise**

Users can click on the <1> or <10> button to calibrate the image clockwise one degree or ten degrees.



2.4.11 TV System

The TV System setting can be found under this path: **Camera> TV System**.

Select the video format that matches the present TV system. Click on < v > to confirm the new setting.

The following table shows the available video formats for different types of models. The supported video formats for each model are marked by “v”.

Video Format \ Model		3M / 4M Models of IP Cameras	Other Models of IP Camera
NTSC	60 fps	v	v
	WDR 2 Shutter	v	-
	WDR 3 Shutter	v	-
PAL	50 fps	v	v
	WDR 2 Shutter	v	-
	WDR 3 Shutter	v	-



NOTE: To enable the shutter WDR function of the 3M / 4M models of the IP cameras, the selected video format **MUST** include “WDR 2 shutter” or “WDR 3 shutter”.

2.5 Pan Tilt

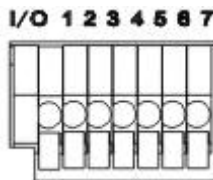
Under the tab <**Pan Tilt**>, there are submenus including: <Preset>, <Sequence> and <Pan/Tilt Control>.



NOTE: Pan Tilt function is only available for Zoom AF Box Camera and Box Camera (DC12V / AC24V / PoE Model (RS-485)).

With RS-485 support, the camera is capable of working with a Pan Tilt Head for pan and tilt control. Before implementing pan/tilt control, please ensure the Pan & Tilt Head is correctly connected to the camera's RS-485 port.

Pin Definition for IP Camera's RS-485 Port



6. D -
7. D +

2.5.1 Preset

The Preset setting can be found under this path: **Pan Tilt**> **Preset**.




NOTE: Before setting this function, users must enable the Pan/Tilt Control first. Please refer to section [Pan/Tilt Control](#) for more details.

There are up to 256 preset points that can be set in the Preset setup page. Please follow the steps below to set and run preset points.


Preset Points Setup

Step 1. Move the camera to the desired position by moving the mouse cursor onto the screen, one left click on mouse, and then dragging the red arrow to pan/tilt. Users may adjust the zoom position as well.

Step 2. Once a Preset Point is defined, please assign a number (between 1 and 256) and enter it into the input field.

Step 3. Click on  to save the defined preset point.

Preset Run

Type the Preset Point number into the Preset field, click on , and the camera will turn to the appointed point.

2.5.2 Sequence

The Sequence setting can be found under this path: **Pan Tilt> Sequence**.


The Sequence function supports eight Sequence Lines. Each Sequence Line consists of 64 Preset Points. Please refer to the instructions below to program a Sequence Line.



NOTE: Before setting this function, users must pre-define at least two Preset Points.

Sequence Setting


- **Sequence Line**

The Sequence Lines are numbered from 1 to 8. Select a Sequence Line from the drop-down list. Then click on  to enter the setup page.


- **Sequential Preset Points Setting**

Please setup each Preset Point of the programmed Sequence Line in order, assigning a Preset Point from the “NO.” list for the specified number of Preset Point and entering Dwell Time (0 sec. to 255 sec.) into the corresponding fields. Click on <Save> when finished.

- **Sequence Reset**

To reset the sequence setting of each line, please click on the <Reset> button on the setup page. Then click on  on the left to refresh the page in order to enter the new settings.

Sequence Run

Select the specified Sequence Line from the drop-down list, click on , and then the camera will start moving forward each scene sequentially as programmed.

To view the camera executing a Sequence Line in full screen mode, please move the cursor onto the live view pane, right-click and left-click to select “fullscreen”. Then users can view the camera navigation in full screen.

To stop running the Sequence Line, simply move the cursor to the live view pane and move the camera in any direction.

2.5.3 Pan/Tilt Control

The Pan/Tilt Control setting can be found under this path: **Pan Tilt> Pan/Tilt Control**.

This page is for users to activate the pan/tilt function and select the RS-485 protocol which the Pan Tilt Head uses.

Pan/Tilt Control

This item allows users to disable or enable the Pan/Tilt Control.

Click on <Save> to confirm the setting.

RS-485 Protocol Type

With the correct RS-485 protocol selected, users will be able to remotely control the Pan Tilt Head from the web browser or the backend software. Check the RS-485 protocol type of the Pan Tilt Head. Then select the RS-485 protocol which the Pan Tilt Head uses from the drop-down list. The available types are DSCP / PelcoD / PelcoP / Universal. Please refer to the following descriptions. After the protocol type is selected, users can adjust the parameters from the drop-down lists on the right. Click <Save> to confirm the setting.

DSCP / PelcoD / PelcoP:

With these protocols, users can control the Pan Tilt Head from the web browser. Users can use the mouse to pan/tilt, set preset points and set sequence lines. To pan/tilt the Pan Tilt Head, click and drag the mouse in the live video window at the home page. To set preset points and sequence lines, please refer to sections [Preset](#) and [Sequence](#). Users can also type API (Application Programming Interface) commands at the URL bar of the web browser interface to control the Pan Tilt Head. For API commands please refer to [IP Camera API Parameter Specification](#). Alternatively, Pan Tilt Head can also be controlled from the backend software. Please refer to the User's Manual of the backend software for more details.

Universal:

Universal protocol covers functions that are not provided by the protocols listed above. Users can control the Pan Tilt Head by entering the API command of the Universal protocol at the URL bar of the web browser. For the API command, refer to section RS-485 Universal Protocol Control in the [IP Camera API Parameter Specification](#). Alternatively, Pan Tilt Head can also be controlled from the backend software. Please refer to the User's Manual of the backend software for more details.



NOTE: To get a copy of [IP Camera API Parameter Specification](#), please contact the sales representatives.

2.6 Logout

Click on the tab <**Logout**> on the top of the page, and the login window will popup. This enables login with another username.

Appendix A: Install UPnP Components

Please follow the instructions below to install UPnP components on Windows Vista / Windows XP / Windows 7.

Step 1: In Windows, go to <Start>, click on <Control Panel>, and then double click on <Add or Remove Programs>.

Step 2: Click on <Add/Remove Windows Components> in the <Add or Remove Programs> page.

Step 3: Select <Networking Services> from the Components list in Components Wizard window of the Windows, and then click <Details>.

Step 4: Select <UPnP User Interface> in the Networking Services' subcomponents list and then click on <OK>.

Step 5: Click on <Next> in the Windows Components Wizard window.

Step 6: Click on <Finish> to complete installation.

Appendix B: IP Addresses from Decimal to Binary

Follow the example below to convert the IP addresses to binary numbers. Use the calculator on the computer for conversion. The calculator can be found under this path: **Start> All Programs> Accessories> Calculator**. For Windows XP and Windows Vista, click <View> on the calculator and click <Scientific>. For Windows 7 and Windows 8, click <View> on the calculator and click <Programmer>. Then follow the steps in the following example to convert the IP addresses.

The example below shows how to convert 192.168.2.81 to binary numbers.

Step 1: On the left of the calculator, select <Dec>. Then enter the first decimal number of the IP address, “192”. Select <Bin> and the number will be converted to binary number. Repeat the same procedure with the rest of decimal numbers. Remember to select <Dec> before entering the next decimal number. Otherwise a decimal number cannot be entered. The table below shows the binary number of each decimal number.

Decimal Numbers	Binary Numbers
192	11000000
168	10101000
2	10
81	1010001

Step 2: Each binary number should have eight digits. If a binary number does not have eight digits, please add 0 in front of it until it does. The binary number of each decimal number should be as follow.

Decimal Numbers	Binary Numbers
192	11000000
168	10101000
2	00000010
81	01010001

Step 3: Therefore, the binary numbers of IP address 192.168.2.81 is 11000000.10101000.00000010.01010001.

Appendix C: Video Resolution

Primary Video Resolution

Quad Streams

Note: ** Only for 4M models. * Only for 3M models.

Note: MJPEG only supports 1080P and under; the resolution QVGA (320 x 240) is NOT available for 4M.

Note: BNC function is not supported under quad streams.

H.264 + H.264 + H.264 + H.264 / MJPEG				
H.264-1	H.264-2	H.264-3	H.264-4	
2588 x 1512 (30/25 fps)**	640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
2560 x 1440 (30/25 fps)**	640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
2048 x 1536 (30/25 fps)*	1280 x 720 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
		640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
	1024 x 768 (30/25 fps)	800 x 600 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)		640 x 480 (30/25 fps)
				352 x 240 (30 fps) / 352 x 288 (25 fps)
		640 x 480 (30/25 fps)		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)		352 x 240 (30 fps) / 352 x 288 (25 fps)
	800 x 600 (30/25 fps)	800 x 600 (30/25 fps)		720 x 480 (30 fps) / 720 x 576 (25 fps)
				640 x 480 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)		352 x 240 (30 fps) / 352 x 288 (25 fps)
				640 x 480 (30/25 fps)
		640 x 480 (30/25 fps)		352 x 240 (30 fps) / 352 x 288 (25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)		352 x 240 (30 fps) / 352 x 288 (25 fps)
2048 x 1536 (30/25 fps)*	720 x 480 (30 fps) / 720 x 576 (25 fps)		720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640 x 480 (30/25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
	640 x 480 (30/25 fps)		640 x 480 (30/25 fps)	
	352 x 240 (30 fps) / 352 x 288 (25 fps)		352 x 240 (30 fps) / 352 x 288 (25 fps)	
	640 x 480 (30/25 fps)		640 x 480 (30/25 fps)	

H.264 + H.264 + H.264 + H.264 / MJPEG				
H.264-1	H.264-2	H.264-3	H.264-4	
2048 x 1536 (30/25 fps)*	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
1920 x 1080 (30/25 fps)	1280 x 1024 (30/25 fps)	1280 x 720 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
		1024 x 768 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640 x 480 (30/25 fps)	
		800 x 600 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640 x 480 (30/25 fps)	
		720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640 x 480 (30/25 fps)	
		640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
		1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
				640 x 480 (30/25 fps)
			1024 x 768 (30/25 fps)	720 x 480 (30/25 fps)
	640 x 480 (30/25 fps)			
	800 x 600 (30/25 fps)		352 x 240 (30 fps) / 352 x 288 (25 fps)	
			720 x 480 (30 fps) / 720 x 576 (25 fps)	
	720 x 480 (30 fps) / 720 x 576 (25 fps)		640 x 480 (30/25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
	640 x 480 (30/25 fps)		640 x 480 (30/25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
	352 x 240 (30 fps) / 352 x 288 (25 fps)		352 x 240 (30 fps) / 352 x 288 (25 fps)	
			352 x 288 (25 fps)	
	1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)	720 x 480 (30/25 fps)	
			640 x 480 (30/25 fps)	
			352 x 240 (30/25 fps)	
		800 x 600 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640 x 480 (30/25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
		720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640 x 480 (30/25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
		640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
			640 x 480 (30/25 fps)	

H.264 + H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	H.264-4
H.264 + H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	H.264-4
1920 x 1080 (30/25 fps)	1024 x 768 (30/25 fps)	640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
1280 x 720 (60/50 fps)	1280 x 720 (60/50 fps)	800 x 600 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
		720 x 480 (60 fps) / 720 x 576 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
			640 x 480 (30/25 fps)
		640 x 480 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
		352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
	1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
		800 x 600 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)
		800 x 600 (60/50 fps)	640 x 480 (30/25 fps)
			352 x 240 (60 fps) / 352 x 288 (50 fps)
		720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
	640 x 480 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	
	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	
	800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
			640 x 480 (60/50 fps)
		720 x 480 (60 fps) / 720 x 576 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
			720 x 480 (60 fps) / 720 x 576 (50 fps)
		640 x 480 (60/50 fps)	640 x 480 (60/50 fps)
			352 x 240 (60 fps) / 352 x 288 (50 fps)
		352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
		1280 x 720 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
	640 x 480 (60/50 fps)		
	640 x 480 (60/50 fps)		352 x 240 (60 fps) / 352 x 288 (50 fps)
640 x 480 (60/50 fps)			
352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)		
	352 x 240 (60 fps) / 352 x 288 (50 fps)		

H.264 + H.264 + H.264 + H.264 / MJPEG					
H.264-1	H.264-2	H.264-3	H.264-4		
	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	640 x 480 (60/50 fps) 352 x 240 (60/50 fps)		
H.264 + H.264 + H.264 + H.264 / MJPEG					
H.264-1	H.264-2	H.264-3	H.264-4		
1024 x 768 (60/50 fps)	640 x 480 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)		
	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)		
	1024 x 768 (60/50 fps)	1024 x 768 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
				640 x 480 (30/25 fps)	
				352 x 240 (30 fps) / 352 x 288 (25 fps)	
			800 x 600 (60/50 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
					640 x 480 (30/25 fps)
					352 x 240 (60 fps) / 352 x 288 (50 fps)
		720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	
				640 x 480 (60/50 fps)	
				352 x 240 (60 fps) / 352 x 288 (50 fps)	
			640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)
					352 x 240 (60 fps) / 352 x 288 (50 fps)
					320 x 240 (60/50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)		
	800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	
				640 x 480 (60/50 fps)	
				352 x 240 (60 fps) / 352 x 288 (50 fps)	
			720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
					640 x 480 (60/50 fps)
					352 x 240 (60 fps) / 352 x 288 (50 fps)
		640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	
				352 x 240 (60 fps) / 352 x 288 (50 fps)	
				352 x 240 (60 fps) / 352 x 288 (50 fps)	
720 x 480 (60 fps) / 720 x 576 (50 fps)		720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	
				640 x 480 (60/50 fps)	
				352 x 240 (60 fps) / 352 x 288 (50 fps)	
	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	
				352 x 240 (60 fps) / 352 x 288 (50 fps)	
				352 x 240 (60 fps) / 352 x 288 (50 fps)	
640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)		
			352 x 240 (60 fps) / 352 x 288 (50 fps)		
			352 x 240 (60 fps) / 352 x 288 (50 fps)		
352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)			
800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)		
			640 x 480 (60/50 fps)		
			352 x 240 (60 fps) /		

Triple Streams

Note: ** Only for 4M models. * Only for 3M models.

Note: MJPEG only supports 1080P and under; the resolution QVGA (320 x 240) is NOT available for 4M.

Note: BNC function is not supported under triple streams.

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
2688x 1512 (30/25 fps)**	720 x 480 (30 fps) / 720 x 576 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
2560 x 1440 (30/25 fps)**	720 x 480 (30 fps) / 720 x 576 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
2048 x 1536 (30/25 fps)*	1280 x 1024 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	1280 x 720 (30/25 fps)	800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	1024 x 768 (30/25 fps)	800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	800 x 600 (30/25 fps)	800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	
	352 x 240 (30 fps) / 352 x 288 (25 fps)	
352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
1920 x 1080 (30/25 fps)	1280 x 1024 (30/25 fps)	1280 x 720 (30/25 fps)
		1024 x 768 (30/25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)
		1024 x 768 (30/25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)

H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	
	1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)	
		800 x 600 (30/25 fps)	
		720 x 480 (30 fps) / 720 x 576 (25 fps)	
		640 x 480 (30/25 fps)	
	800 x 600 (30/25 fps)		352 x 240 (30 fps) / 352 x 288 (25 fps)
			800 x 600 (30/25 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)		352 x 240 (30 fps) / 352 x 288 (25 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
			640 x 480 (30/25 fps)
1920 x 1080 (60/50 fps)	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	
	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
1280 x 1024 (30/25 fps)	1280 x 1024 (30/25 fps)	1280 x 720 (30/25 fps)	
1280 x 1024 (60/50 fps)	1280 x 1024 (30/25 fps)	1024 x 768 (30/25 fps)	
		800 x 600 (30/25 fps)	
		720 x 480 (30 fps) / 720 x 576 (25 fps)	
H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	
1280 x 1024 (60/50 fps)	1280 x 1024 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
	1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)	
		1024 x 768 (30/25 fps)	
		800 x 600 (30/25 fps)	
		720 x 480 (30 fps) / 720 x 576 (25 fps)	
		640 x 480 (30/25 fps)	
	1280 x 720 (60/50 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
	1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)	
	1024 x 768 (60/50 fps)		800 x 600 (30/25 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
	800 x 600 (60/50 fps)		352 x 240 (60 fps) / 352 x 288 (50 fps)
			800 x 600 (60/50 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)		640 x 480 (60/50 fps)
			352 x 240 (60 fps) / 352 x 288 (50 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)
	1280 x 720 (60/50 fps)		1024 x 768 (30/25 fps)
			800 x 600 (30/25 fps)
			720 x 480 (60 fps) / 720 x 576 (50 fps)
640 x 480 (60/50 fps)			
		352 x 240 (60 fps) / 352 x 288 (50 fps)	

H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	
	1024 x 768 (60/50 fps)	1024 x 768 (30/25 fps)	
		800 x 600 (60/50 fps)	
		720 x 480 (60 fps) / 720 x 576 (50 fps)	
		640 x 480 (60/50 fps)	
	800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
			640 x 480 (60/50 fps)
			352 x 240 (60 fps) / 352 x 288 (50 fps)
			720 x 480 (60 fps) / 720 x 576 (50 fps)
	720 x 480 (60 fps) / 720 x 576 (50 fps)	640 x 480 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
			640 x 480 (60/50 fps)
	640 x 480 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	640 x 480 (60/50 fps)
			352 x 240 (60 fps) / 352 x 288 (50 fps)
1024 x 768 (60/50 fps)	1024 x 768 (60/50 fps)	1024 x 768 (30/25 fps)	
		800 x 600 (60/50 fps)	
		720 x 480 (60 fps) / 720 x 576 (50 fps)	
		640 x 480 (60/50 fps)	
	800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
			720 x 480 (60 fps) / 720 x 576 (50 fps)
			640 x 480 (60/50 fps)
			352 x 240 (60 fps) / 352 x 288 (50 fps)
	720 x 480 (60 fps) / 720 x 576 (50 fps)	640 x 480 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
			352 x 240 (60 fps) / 352 x 288 (50 fps)
	640 x 480 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	640 x 480 (60/50 fps)
			352 x 240 (60 fps) / 352 x 288 (50 fps)
800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	
		720 x 480 (60 fps) / 720 x 576 (50 fps)	
		640 x 480 (60/50 fps)	
		352 x 240 (60 fps) / 352 x 288 (50 fps)	
	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
			640 x 480 (60/50 fps)
			352 x 240 (60 fps) / 352 x 288 (50 fps)
			640 x 480 (60/50 fps)
	640 x 480 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	640 x 480 (60/50 fps)
			352 x 240 (60 fps) / 352 x 288 (50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
			352 x 240 (60 fps) / 352 x 288 (50 fps)

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
720 x 480 (60 fps) /	720 x 480 (60 fps) / 720 x 576 (50	720 x 480 (60 fps) / 720 x 576 (50

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
720 x 576 (50 fps)	fps)	fps)
		640 x 480 (60/50 fps)
	640 x 480 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
		640 x 480 (60/50 fps)
352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	
640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)

Dual Streams

Note: ** Only for 4M models. * Only for 3M models.

Note: MJPEG only supports 1080P and under; the resolution QVGA (320 x 240) is NOT available for 4M.

Note: BNC function is only supported when the second stream is set to D1 (720 x 480 / 720 x 576) or under.

H.264 + H.264 / MJPEG	
H.264-1	H.264-2
2688 x 1512 (30/25 fps)**	1280 x 1024 (30/25 fps)
	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
2048 x 1536 (30/25 fps)*	1280 x 1024 (30/25 fps)
	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
1920 x 1080 (30/25 fps)	1280 x 1024 (30/25 fps)
	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
1920 x 1080 (60/50 fps)	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)
1280 x 1024 (60/50 fps)	1280 x 1024 (30/25 fps)
	1280 x 720 (60/50 fps)
	1024 x 768 (60/50 fps)
	800 x 600 (60/50 fps)
	720 x 480 (60 fps) / 720 x 576 (50 fps)
	640 x 480 (60/50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)
1280 x 720 (60/50 fps)	1280 x 720 (60/50 fps)
	1024 x 768 (60/50 fps)
	800 x 600 (60/50 fps)
	720 x 480 (60 fps) / 720 x 576 (50 fps)
	640 x 480 (60/50 fps)
1024 x 768 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
	1024 x 768 (60/50 fps)
	800 x 600 (60/50 fps)
	720 x 480 (60 fps) / 720 x 576 (50 fps)

H.264 + H.264 / MJPEG	
H.264-1	H.264-2
	640 x 480 (60/50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)
800 x 600 (60/50 fps)	800 x 600 (60/50 fps)
	720 x 480 (60 fps) / 720 x 576 (50 fps)
	640 x 480 (60/50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)
720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
	640 x 480 (60/50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)
640 x 480 (60/50 fps)	640 x 480 (60/50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)
352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)

Single Stream

Note: ** Only for 4M models. * Only for 3M models.

Note: BNC function is supported under single stream.

H.264 / MJPEG
2688 x 1512 (30/25 fps)**
2560 x 1440 (30/25 fps)**
2048 x 1536 (60/50 fps)*
1920 x 1080 (60/50 fps)
1280 x 1024 (60/50 fps)
1280 x 720 (60/50 fps)
1024 x 768 (60/50 fps)
800 x 600 (60/50 fps)
720 x 480 (60 fps) / 720 x 576 (50 fps)
640 x 480 (60/50 fps)
352 x 240 (60 fps) / 352 x 288 (50 fps)

Advanced Video Resolution

Quad Streams

Note: ***** Only for 12M models. **** Only for 8M models. *** Only for 6M models. ** Only for 4M models. * Only for 3M models.

Note: MJPEG only supports 1080P and under; the resolution QVGA (320 x 240) is NOT available for 4M.

Note: BNC function is not supported under quad streams.

H.264 + H.264 + H.264 + H.264 / MJPEG					
H.264-1	H.264-2	H.264-3	H.264-4		
2588 x 1512 (30/25 fps)**	1920 x 1080 (30/25 fps)	1280 x 720 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)		
			640 x 480 (30/25 fps)		
			352 x 240 (30 fps) / 352 x 288 (25 fps)		
		1024 x 768 (30/25 fps)	800 x 600 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
				640 x 480 (30/25 fps)	
				352 x 240 (30 fps) / 352 x 288 (25 fps)	
		720 x 480 (30 fps) / 720 x 576 (25 fps)	640 x 480 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
				640 x 480 (30/25 fps)	
				352 x 240 (30 fps) / 352 x 288 (25 fps)	
		640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	640 x 480 (30/25 fps)	
				352 x 240 (30 fps) / 352 x 288 (25 fps)	
				352 x 240 (30 fps) / 352 x 288 (25 fps)	
	1280 x 1024 (30/25 fps)	1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
				640 x 480 (30/25 fps)	
				352 x 240 (30 fps) / 352 x 288 (25 fps)	
			1024 x 768 (30/25 fps)	800 x 600 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
					640 x 480 (30/25 fps)
					352 x 240 (30 fps) / 352 x 288 (25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)	640 x 480 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
				640 x 480 (30/25 fps)	
				352 x 240 (30 fps) / 352 x 288 (25 fps)	
		640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	640 x 480 (30/25 fps)	
				352 x 240 (30 fps) / 352 x 288 (25 fps)	
				352 x 240 (30 fps) / 352 x 288 (25 fps)	
1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)		
			640 x 480 (30/25 fps)		

H.264 + H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	H.264-4
H.264 + H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	H.264-4
2588 x 1512 (30/25 fps)**	1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
		1024 x 768 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
		800 x 600 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)	640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
		640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
	1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
		800 x 600 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)	640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
		640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	800 x 600 (30/25 fps)	800 x 600 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)		
	640 x 480 (30/25 fps)		352 x 240 (30 fps) / 352 x 288 (25 fps)
			640 x 480 (30/25 fps)
	640 x 480 (30/25 fps)	352 x 240 (30 fps) /	

H.264 + H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	H.264-4
			352 x 288 (25 fps)

H.264 + H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	H.264-4
2588 x 1512 (30/25 fps)**	720 x 480 (30 fps) / 720 x 576 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	640 x 480 (30/25 fps) 352 x 240 (30 fps) / 352 x 288 (25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
2560 x 1440 (30/25 fps)**	1920 x 1080 (30/25 fps)	1280 x 720 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
		1024 x 768 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
		800 x 600 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)	
	1280 x 1024 (30/25 fps)	1280 x 720 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
		1024 x 768 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
		800 x 600 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
720 x 480 (30 fps) / 720 x 576 (25 fps)		720 x 480 (30 fps) / 720 x 576 (25 fps)	
		640 x 480 (30/25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)	
640 x 480 (30/25 fps)	640 x 480 (30/25 fps)		
	352 x 240 (30 fps) / 352 x 288 (25 fps)		
	352 x 240 (30 fps) / 352 x 288 (25 fps)		
1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
		640 x 480 (30/25 fps)	

H.264 + H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	H.264-4
		352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	640 x 480 (30/25 fps) 352 x 240 (30 fps) / 352 x 288 (25 fps)

H.264 + H.264 + H.264 + H.264 / MJPEG					
H.264-1	H.264-2	H.264-3	H.264-4		
2560 x 1440 (30/25 fps)**	640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)		
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)		
2048 x 1536 (30/25 fps)*	1920 x 1080 (30/25 fps)	1280 x 720 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)		
			640 x 480 (30/25 fps)		
		1024 x 768 (30/25 fps)	800 x 600 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
				640 x 480 (30/25 fps)	
		720 x 480 (30 fps) / 720 x 576 (25 fps)	640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
				640 x 480 (30/25 fps)	
		640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
				320 x 240 (30/25 fps)	
		1280 x 1024 (30/25 fps)	1280 x 720 (30/25 fps)	1024 x 768 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
					640 x 480 (30/25 fps)
			800 x 600 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	640 x 480 (30/25 fps)
					352 x 240 (30 fps) / 352 x 288 (25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)		640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
				640 x 480 (30/25 fps)	
	640 x 480 (30/25 fps)		352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
				352 x 240 (30 fps) / 352 x 288 (25 fps)	
	1280 x 720 (30/25 fps)		1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
					640 x 480 (30/25 fps)

H.264 + H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	H.264-4
			352 x 240 (30 fps) / 352 x 288 (25 fps)
		1024 x 768 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)

H.264 + H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	H.264-4
2048 x 1536 (30/25 fps)*	1280 x 720 (30/25 fps)	800 x 600 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)	
		720 x 480 (30 fps) / 720 x 576 (25 fps)	
		640 x 480 (30/25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)	
	1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)	
		720 x 480 (30 fps) / 720 x 576 (25 fps)	
		800 x 600 (30/25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)	
	1024 x 768 (30/25 fps)	800 x 600 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)	
		720 x 480 (30 fps) / 720 x 576 (25 fps)	
		640 x 480 (30/25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)	
	800 x 600 (30/25 fps)	800 x 600 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
	1280 x 720 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	640 x 480 (30/25 fps)
1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)	
800 x 600 (30/25 fps)	800 x 600 (30/25 fps)	352 x 240 (30/25 fps)	
2048 x 1536 (60/50 fps)*	800 x 600 (60/50 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)	
		640 x 480 (30/25 fps)	
	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
		640 x 480 (30/25 fps)	

H.264 + H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	H.264-4
		352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 288 (25 fps) 352 x 240 (30 fps) / 352 x 288 (25 fps)
		640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
	640 x 480 (60/50 fps)	640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
1920 x 1080 (60/50 fps)	1280 x 1024 (30/25 fps)	1280 x 720 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
		1024 x 768 (30/25 fps)	640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
		800 x 600 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)		
	1280 x 1024 (60/50 fps)	800 x 600 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
			640 x 480 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
640 x 480 (30/25 fps)			
1920 x 1080 (60/50 fps)	1280 x 1024 (60/50 fps)	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
	1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)	720 x 480 (30/25 fps)
		1024 x 768 (30/25 fps)	640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
		800 x 600 (60/50 fps)	800 x 600 (60/50 fps)
	640 x 480 (30/25 fps)		
	352 x 240 (60 fps) / 352 x 288 (50 fps)		640 x 480 (60/50 fps)
	640 x 480 (60/50 fps)		352 x 240 (60 fps) / 352 x 288 (50 fps)
	1280 x 720 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
			640 x 480 (60/50 fps)
		640 x 480 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
			640 x 480 (60/50 fps)
		352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
			640 x 480 (60/50 fps)
	1024 x 768 (60/50 fps)	1024 x 768 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
640 x 480 (30/25 fps)			
1024 x 768 (60/50 fps)		352 x 240 (30 fps) / 352 x 288 (25 fps)	
		720 x 480 (60 fps) / 720 x 576 (50 fps)	
800 x 600 (60/50 fps)		640 x 480 (60/50 fps)	
		352 x 240 (60 fps) /	

H.264 + H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	H.264-4
			352 x 288 (50 fps)
		720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
			640 x 480 (60/50 fps)
			352 x 240 (60/50 fps)
		640 x 480 (60/50 fps)	640 x 480 (60/50 fps)
			352 x 240 (60 fps) / 352 x 288 (50 fps)
		352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
H.264 + H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	H.264-4
1920 x 1080 (60/50 fps)	800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
			640 x 480 (60/50 fps)
		800 x 600 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
		720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
			640 x 480 (60/50 fps)
			352 x 240 (60 fps) / 352 x 288 (50 fps)
		640 x 480 (60/50 fps)	640 x 480 (60/50 fps)
			352 x 240 (60 fps) / 352 x 288 (50 fps)
		352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
			720 x 480 (60 fps) / 720 x 576 (50 fps)
		720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
			640 x 480 (60/50 fps)
			352 x 240 (60 fps) / 352 x 288 (50 fps)
		640 x 480 (60/50 fps)	640 x 480 (60/50 fps)
			352 x 240 (60 fps) / 352 x 288 (50 fps)
		352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
			640 x 480 (60/50 fps)
		640 x 480 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
			352 x 240 (60 fps) / 352 x 288 (50 fps)
		352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)
		1280 x 720 (60/50 fps)	640 x 480 (30/25 fps)
			352 x 240 (60 fps) / 352 x 288 (50 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)
		1024 x 768 (60/50 fps)	640 x 480 (60/50 fps)
			352 x 240 (60 fps) / 352 x 288 (50 fps)
			720 x 480 (60 fps) / 720 x 576 (50 fps)
		800 x 600 (60/50 fps)	640 x 480 (60/50 fps)
			352 x 240 (60 fps) / 352 x 288 (50 fps)
			720 x 480 (60 fps) / 720 x 576 (50 fps)
		720 x 480 (60 fps) / 720 x 576 (50 fps)	640 x 480 (60/50 fps)
			352 x 240 (60 fps) / 352 x 288 (50 fps)
		640 x 480 (60/50 fps)	640 x 480 (60/50 fps)
			352 x 240 (60 fps) /

H.264 + H.264 + H.264 + H.264 / MJPEG				
H.264-1	H.264-2	H.264-3	H.264-4	
	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	
			640 x 480 (60/50 fps)	
		640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
				640 x 480 (60/50 fps)
	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	
			640 x 480 (60/50 fps)	
		352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	640 x 480 (60/50 fps)
				352 x 240 (60/50 fps)
352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	640 x 480 (60/50 fps)		
		352 x 240 (60/50 fps)		
H.264 + H.264 + H.264 + H.264 / MJPEG				
H.264-1	H.264-2	H.264-3	H.264-4	
1280 x 1024 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	
1280 x 720 (60/50 fps)	1280 x 720 (60/50 fps)	1280 x 720 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	
			640 x 480 (60/50 fps)	
		1024 x 768 (60/50 fps)	1024 x 768 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
				720 x 480 (60 fps) / 720 x 576 (50 fps)
		800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	640 x 480 (60/50 fps)
				352 x 240 (60 fps) / 352 x 288 (50 fps)
		720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
				640 x 480 (60/50 fps)
		640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
				640 x 480 (60/50 fps)
		352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
				352 x 240 (60/50 fps)
	1024 x 768 (60/50 fps)	1024 x 768 (60/50 fps)	1024 x 768 (30/25 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
				640 x 480 (60/50 fps)
		800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
				720 x 480 (60 fps) / 720 x 576 (50 fps)
		720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	640 x 480 (60/50 fps)
				352 x 240 (60 fps) / 352 x 288 (50 fps)
		640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)
				352 x 240 (60 fps) / 352 x 288 (50 fps)
		352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
				352 x 240 (60/50 fps)
		800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
				640 x 480 (60/50 fps)

H.264 + H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	H.264-4
		720 x 480 (60 fps) / 720 x 576 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
			720 x 480 (60 fps) / 720 x 576 (50 fps)
		640 x 480 (60/50 fps)	640 x 480 (60/50 fps)
		352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
			640 x 480 (60/50 fps)
		352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
		352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)

H.264 + H.264 + H.264 + H.264 / MJPEG				
H.264-1	H.264-2	H.264-3	H.264-4	
1280 x 720 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	
		640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	
		352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60/50 fps) / 352 x 288 (50 fps)	
	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	
		352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	
		352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	
1024 x 768 (60/50 fps)	1024 x 768 (60/50 fps)	1024 x 768 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	
			640 x 480 (60/50 fps)	
		800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
				640 x 480 (60/50 fps)
			352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
			352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
	800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	
			640 x 480 (60/50 fps)	
		720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
				640 x 480 (60/50 fps)
			352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
			352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)

H.264 + H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	H.264-4
		352 x 288 (50 fps)	352 x 288 (50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)
			352 x 240 (60 fps) / 352 x 288 (50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60/50 fps)
352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)

Triple Streams

Note: ***** Only for 12M models. **** Only for 8M models. *** Only for 6M models. ** Only for 4M models. * Only for 3M models.

Note: MJPEG only supports 1080P and under; the resolution QVGA (320 x 240) is NOT available for 4M.

Note: BNC function is not supported under triple streams.

(#) is not available for 8M.

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
3840 x 2160 (15 fps)*****	1920 x 1080 (15 fps)	720 x 480 (15 fps)
2688x 1512 (30/25 fps)**	720 x 480 (30 fps) / 720 x 576 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	352 x 240 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
2560 x 1440 (30/25 fps)**	720 x 480 (30 fps) / 720 x 576 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
2048 x 1536 (30/25 fps)*	1280 x 1024 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	1280 x 720 (30/25 fps)	800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	1024 x 768 (30/25 fps)	800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	800 x 600 (30/25 fps)	800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
352 x 240 (30/25 fps)		
640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	
	352 x 240 (30 fps) / 352 x 288 (25 fps)	
352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
1920 x 1080 (60/50 fps)	1280 x 1024 (30/25 fps)#	1280 x 720 (30/25 fps)
		1024 x 768 (30/25 fps)
	1280 x 1024 (60/50 fps)	800 x 600 (30/25 fps)#
		720 x 480 (30 fps) / 720 x 576 (25 fps)#
		640 x 480 (60/50 fps)
		352 x 240 (60 fps) / 352 x 288 (50 fps)
	1280 x 720 (60/50 fps)	1280 x 720 (30/25 fps)#
		1024 x 768 (30/25 fps)#
		800 x 600 (60/50 fps)
		720 x 480 (60 fps) / 720 x 576 (50 fps)

H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	
		640 x 480 (60/50 fps)	
		352 x 240 (60 fps) / 352 x 288 (50 fps)	
	1024 x 768 (60/50 fps)	1024 x 768 (60/50 fps)	
		800 x 600 (60/50 fps)	
		720 x 480 (60 fps) / 720 x 576 (50 fps)	
		640 x 480 (60/50 fps)	
		352 x 240 (60 fps) / 352 x 288 (50 fps)	
	800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	
		720 x 480 (60 fps) / 720 x 576 (50 fps)	
		640 x 480 (60/50 fps)	
		352 x 240 (60 fps) / 352 x 288 (50 fps)	
	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	
640 x 480 (60/50 fps)			
352 x 240 (60 fps) / 352 x 288 (50 fps)			
640 x 480 (60/50 fps)	640 x 480 (60/50 fps)		
	352 x 240 (60 fps) / 352 x 288 (50 fps)		
352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)		
1280 x 1024 (60/50 fps)	1280 x 1024 (60/50 fps)	1280 x 720 (60/50 fps)	
		1024 x 768 (60/50 fps)	
		800 x 600 (60/50 fps)	
		720 x 480 (60 fps) / 720 x 576 (50 fps)	
		640 x 480 (60/50 fps)	
	1280 x 720 (60/50 fps)	1280 x 720 (60/50 fps)	
		1024 x 768 (60/50 fps)	
		800 x 600 (60/50 fps)	
		720 x 480 (60 fps) / 720 x 576 (50 fps)	
		640 x 480 (60/50 fps)	
	1024 x 768 (60/50 fps)	1024 x 768 (60/50 fps)	
		800 x 600 (60/50 fps)	
		720 x 480 (60 fps) / 720 x 576 (50 fps)	
		640 x 480 (60/50 fps)	
		352 x 240 (60 fps) / 352 x 288 (50 fps)	
	800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	
		720 x 480 (60 fps) / 720 x 576 (50 fps)	
		640 x 480 (60/50 fps)	
		352 x 240 (60 fps) / 352 x 288 (50 fps)	
	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	
		640 x 480 (60/50 fps)	
		352 x 240 (60 fps) / 352 x 288 (50 fps)	
	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	
		352 x 240 (60 fps) / 352 x 288 (50 fps)	
	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	
	1280 x 720 (60/50 fps)	1280 x 720 (60/50 fps)	1280 x 720 (60/50 fps)

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
		1024 x 768 (60/50 fps)
		800 x 600 (60/50 fps)
		720 x 480 (60 fps) / 720 x 576 (50 fps)
		640 x 480 (60/50 fps)
		352 x 240 (60 fps) / 352 x 288 (50 fps)
	1024 x 768 (60/50 fps)	1024 x 768 (60/50 fps)
		800 x 600 (60/50 fps)
		720 x 480 (60 fps) / 720 x 576 (50 fps)
		640 x 480 (60/50 fps)
		352 x 240 (60 fps) / 352 x 288 (50 fps)
800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	
1280 x 720 (60/50 fps)	800 x 600 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
	720 x 480 (60 fps) / 720 x 576 (50 fps)	640 x 480 (60/50 fps)
		720 x 480 (60 fps) / 720 x 576 (50 fps)
		640 x 480 (60/50 fps)
	640 x 480 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
1024 x 768 (60/50 fps)	1024 x 768 (60/50 fps)	1024 x 768 (60/50 fps)
		800 x 600 (60/50 fps)
		720 x 480 (60 fps) / 720 x 576 (50 fps)
		640 x 480 (60/50 fps)
		352 x 240 (60 fps) / 352 x 288 (50 fps)
	800 x 600 (60/50 fps)	800 x 600 (60/50 fps)
		720 x 480 (60 fps) / 720 x 576 (50 fps)
		640 x 480 (60/50 fps)
		352 x 240 (60 fps) / 352 x 288 (50 fps)
	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
		640 x 480 (60/50 fps)
		352 x 240 (60 fps) / 352 x 288 (50 fps)
640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	
352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	
800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	800 x 600 (60/50 fps)
		720 x 480 (60 fps) / 720 x 576 (50 fps)
		640 x 480 (60/50 fps)
H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
		640 x 480 (60/50 fps)
		352 x 240 (60 fps) / 352 x 288 (50 fps)
	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)
		352 x 240 (60 fps) / 352 x 288 (50 fps)

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
		640 x 480 (60/50 fps)
	640 x 480 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
		640 x 480 (60/50 fps)
640 x 480 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	640 x 480 (60/50 fps)
		352 x 240 (60/50 fps)
352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	640 x 480 (60/50 fps)
		352 x 240 (60/50 fps)

Dual Streams

Note: ***** Only for 12M models. **** Only for 8M models. *** Only for 6M models. ** Only for 4M models. * Only for 3M models. ^ Only for 12M and 8M models.

Note: MJPEG only supports 1080P and under; the resolution QVGA (320 x 240) is NOT available for 4M.

Note: BNC function is only supported when the second stream is set to D1 (720 x 480 / 720 x 576) or under.

H.264 + H.264 / MJPEG	
H.264-1	H.264-2
4000 x 3000 (15 fps)*****	1920 x 1080 (15 fps)
	1280 x 1024 (15 fps)
3840 x 2160 (20 fps)^	1920 x 1080 (20 fps)
	1280 x 1024 (20 fps)
	1280 x 720 (20 fps)
	1024 x 768 (20 fps)
	800 x 600 (20 fps)
	720 x 480 (20 fps)
	640 x 480 (20 fps)
3200 x 1800 (30/25 fps)^	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
3072 x 2048 (30/25 fps)***	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
2688 x 1512 (30/25 fps)**	1920 x 1080 (30/25 fps)
	1280 x 1024 (30/25 fps)
	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
2560 x 1440 (30/25 fps)**	1920 x 1080 (30/25 fps)
	1280 x 1024 (30/25 fps)
	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)

H.264 + H.264 / MJPEG	
H.264-1	H.264-2
	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
2048 x 1536 (30/25 fps)*	1280 x 1024 (30/25 fps)
	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (60/50 fps)
2048 x 1536 (60/50 fps)*	720 x 480 (60 fps) / 720 x 576 (50 fps)
	640 x 480 (60/50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)
	320 x 240 (60/50 fps)
	1920 x 1080 (30/25 fps)
	1280 x 1024 (30/25 fps)
1920 x 1080 (60/50 fps)	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (60/50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)
	1280 x 1024 (60/50 fps)
	1280 x 720 (60/50 fps)
	1024 x 768 (60/50 fps)
1280 x 1024 (60/50 fps)	800 x 600 (60/50 fps)
	720 x 480 (60 fps) / 720 x 576 (50 fps)
	640 x 480 (60/50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)
	1280 x 720 (60/50 fps)
	1024 x 768 (60/50 fps)
1280 x 720 (60/50 fps)	800 x 600 (60/50 fps)
	720 x 480 (60 fps) / 720 x 576 (50 fps)
	640 x 480 (60/50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)
	1024 x 768 (60/50 fps)
	800 x 600 (60/50 fps)
1024 x 768 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
	640 x 480 (60/50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)
	800 x 600 (60/50 fps)
	720 x 480 (60 fps) / 720 x 576 (50 fps)
	640 x 480 (60/50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)
	720 x 480 (60 fps) / 720 x 576 (50 fps)
720 x 480 (60 fps) / 720 x 576 (50 fps)	640 x 480 (60/50 fps)
	352 x 240 (60/50 fps)
	320 x 240 (60/50 fps)
	640 x 480 (60/50 fps)
640 x 480 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)

Single Stream

The following resolution is for 3M / 4M / 6M / 8M / 12M models.

Note: ***** Only for 12M models. **** Only for 8M models. *** Only for 6M models. ** Only for 4M models. * Only for 3M models. ^^ Only for 12M and 8M models.

Note: MJPEG only supports 1080P and under; the resolution QVGA (320 x 240) is NOT available for 4M.

Note: BNC function is supported under single stream.

H.264 / MJPEG
4000 x 3000 (20 fps)*****
3840 x 2160 (24 fps)^
3840 x 2160 (30/25 fps)^
3200 x 1800 (30/25 fps)^
3072 x 2048 (30/25 fps)***
2688 x 1512 (60/50 fps)**
2560 x 1440 (60/50 fps)**
2048 x 1536 (60/50 fps)*
1920 x 1080 (60/50 fps)
1280 x 1024 (60/50 fps)
1280 x 720 (60/50 fps)
1024 x 768 (60/50 fps)
800 x 600 (60/50 fps)
720 x 480 (60 fps) / 720 x 576 (50 fps)
640 x 480 (60/50 fps)
352 x 240 (60 fps) / 352 x 288 (50 fps)

Single Stream- 2M Only

Note: BNC function is not supported when the resolution is set to <1920 x 1080 (120/100 fps)>.

H.264 / MJPEG
1920 x 1080 (120/100 fps)*
1920 x 1080 (60/50 fps)^
1280 x 1024 (60/50 fps)
1280 x 720 (60/50 fps)
1024 x 768 (60/50 fps)
800 x 600 (60/50 fps)
720 x 480 (60 fps) / 720 x 576 (50 fps)
640 x 480 (60/50 fps)
352 x 240 (60 fps) / 352 x 288 (50 fps)

(*) is only available for H.264.

(^) is only available for MJPEG.

Primary- HDR (2 Shutter Mode) Video Resolution

Note: Under HDR 2 shutter mode, IP camera can only support at most three streams. In addition, BNC function is only supported under single stream.

Triple Streams- 4M Only

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
2560 x 1440 (15/25 fps)	800 x 600 (15 fps)	352 x 240 (15 fps) / 352 x 288 (15 fps)
	720 x 480 (15 fps) / 720 x 576 (15 fps)	352 x 240 (15 fps) / 352 x 288 (15 fps)
	640 x 480 (15 fps)	640 x 480 (15 fps) 352 x 240 (15 fps) / ---
	640 x 480 (---/25 fps)	--- / 352 x 288 (25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (15/25 fps)
2560 x 1440 (15 fps)	1920 x 1080 (15 fps)	1280 x 720 (15 fps)
		1024 x 768 (15 fps)
		800 x 600 (15 fps)
		720 x 480 (15 fps) / 720 x 576 (15 fps)
		640 x 480 (15 fps)
		352 x 240 (15 fps) / 352 x 288 (15 fps)
	1280 x 1024 (15 fps)	1280 x 720 (15 fps)
		1024 x 768 (15 fps)
		800 x 600 (15 fps)
		720 x 480 (15 fps) / 720 x 576 (15 fps)
		640 x 480 (15 fps)
		352 x 240 (15 fps) / 352 x 288 (15 fps)
	1280 x 720 (15 fps)	1280 x 720 (15 fps)
		1024 x 768 (15 fps)
		800 x 600 (15 fps)
		720 x 480 (15 fps) / 720 x 576 (15 fps)
		640 x 480 (15 fps)
		352 x 240 (15 fps) / 352 x 288 (15 fps)
	1024 x 768 (15 fps)	1024 x 768 (15 fps)
		800 x 600 (15 fps)
		720 x 480 (15 fps) / 720 x 576 (15 fps)
		640 x 480 (15 fps)
		352 x 240 (15 fps) / 352 x 288 (15 fps)
		800 x 600 (15 fps)
800 x 600 (15 fps)	800 x 600 (15 fps)	
	720 x 480 (15 fps) / 720 x 576 (15 fps)	
	640 x 480 (15 fps)	
720 x 480 (15 fps) / 720 x 576 (15 fps)	720 x 480 (15 fps) / 720 x 576 (15 fps)	
	640 x 480 (15 fps)	
	352 x 240 (15 fps) / 352 x 288 (15 fps)	
2304 x 1296 (15/25 fps)	1280 x 1024 (15 fps)	800 x 600 (15 fps)
		720 x 480 (15 fps) / 720 x 576 (15 fps)
		640 x 480 (15 fps)
		352 x 240 (15 fps) / 352 x 288 (15 fps)

H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	
	1280 x 720 (15 fps)	1280 x 720 (15 fps)	
		1024 x 768 (15 fps)	
		800 x 600 (15 fps)	
		720 x 480 (15 fps) / 720 x 576 (15 fps)	
		640 x 480 (15/- fps)	
		352 x 240 (15 fps) / ---	
	1280 x 720 (---/25 fps)	640 x 480 (---/15 fps)	
	1024 x 768 (15 fps)	--- / 352 x 288 (25 fps)	
	1024 x 768 (15/25 fps)	1024 x 768 (15/25 fps)	1024 x 768 (15 fps)
			800 x 600 (15 fps)
720 x 480 (15 fps) / 720 x 576 (15 fps)			
640 x 480 (15/25 fps)			
800 x 600 (15 fps)	352 x 240 (15 fps) / 352 x 288 (25 fps)		
2304 x 1296 (15 fps)	1920 x 1080 (15 fps)	800 x 600 (15/25 fps)	
		1280 x 720 (15 fps)	
		1024 x 768 (15 fps)	
2304 x 1296 (15 fps)	1920 x 1080 (15 fps)	800 x 600 (15 fps)	
		720 x 480 (15 fps) / 720 x 576 (15 fps)	
		640 x 480 (15 fps)	
	1280 x 1024 (15 fps)	352 x 240 (15 fps) / 352 x 288 (15 fps)	
2304 x 1296 (30/25 fps)	800 x 600 (15 fps)	1280 x 720 (15 fps)	
		1024 x 768 (15 fps)	
		720 x 480 (15 fps) / 720 x 576 (25 fps)	
	720 x 480 (15 fps) / 720 x 576 (25 fps)	720 x 480 (15 fps) / 720 x 576 (25 fps)	640 x 480 (15/25 fps)
			352 x 240 (15 fps) / 352 x 288 (25 fps)
			352 x 240 (30 fps) / 352 x 288 (15 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
	640 x 480 (15/25 fps)	640 x 480 (15/25 fps)	
	640 x 480 (30 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
1920 x 1080 (15/25 fps)	1920 x 1080 (15 fps)	1280 x 720 (15 fps)	
		1024 x 768 (15 fps)	
1920 x 1080 (30/25 fps)	1920 x 1080 (15 fps)	800 x 600 (15 fps)	
		720 x 480 (15 fps) / 720 x 576 (15 fps)	
		640 x 480 (15 fps)	
		352 x 240 (15 fps) / 352 x 288 (15 fps)	
	1280 x 1024 (15/25 fps)	1280 x 1024 (15/25 fps)	1280 x 720 (15 fps)
			1024 x 768 (15 fps)
			800 x 600 (15/25 fps)
			720 x 480 (15 fps) / 720 x 576 (25 fps)
			640 x 480 (15/25 fps)
			352 x 240 (15/25 fps)
	1280 x 720 (15/25 fps)	1280 x 720 (15/25 fps)	
	1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)	1024 x 768 (15/25 fps)
			800 x 600 (15/25 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)
640 x 480 (30/25 fps)			
		352 x 240 (30 fps) / 352 x 288 (25 fps)	

H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	
	1024 x 768 (30/25 fps)	fps)	
		1024 x 768 (15/25 fps)	
		800 x 600 (30/25 fps)	
		720 x 480 (30 fps) / 720 x 576 (25 fps)	
		640 x 480 (30/25 fps)	
	800 x 600 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
		800 x 600 (30/25 fps)	
		720 x 480 (30 fps) / 720 x 576 (25 fps)	
		640 x 480 (30/25 fps)	
	720 x 480 (30 fps) / 720 x 576 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
		720 x 480 (30 fps) / 720 x 576 (25 fps)	
	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	
352 x 240 (30 fps) / 352 x 288 (25 fps)			
352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)		
1280 x 1024 (30/25 fps)	1280 x 1024 (30/25 fps)	1280 x 720 (15/25 fps)	
		1024 x 768 (15/25 fps)	
		800 x 600 (30/25 fps)	
		720 x 480 (30 fps) / 720 x 576 (25 fps)	
		640 x 480 (30/25 fps)	
	1280 x 720 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
		1280 x 720 (30/25 fps)	
		1024 x 768 (30/25 fps)	
		800 x 600 (30/25 fps)	
		720 x 480 (30 fps) / 720 x 576 (25 fps)	
	1024 x 768 (30/25 fps)	640 x 480 (30/25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)	
		1024 x 768 (30/25 fps)	
		800 x 600 (30/25 fps)	
		720 x 480 (30 fps) / 720 x 576 (25 fps)	
1280 x 1024 (30/25 fps)	800 x 600 (30/25 fps)	640 x 480 (30/25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)	
		720 x 480 (30 fps) / 720 x 576 (25 fps)	
		640 x 480 (30/25 fps)	
	720 x 480 (30 fps) / 720 x 576 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
		720 x 480 (30 fps) / 720 x 576 (25 fps)	
		640 x 480 (30/25 fps)	
	640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
		640 x 480 (30/25 fps)	
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
	1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)
			1024 x 768 (30/25 fps)
800 x 600 (30/25 fps)			

H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	
		720 x 480 (30 fps) / 720 x 576 (25 fps)	
		640 x 480 (30/25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)	
	1024 x 768 (30/25 fps)		1024 x 768 (30/25 fps)
			800 x 600 (30/25 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
	800 x 600 (30/25 fps)		800 x 600 (30/25 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)		720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)			
640 x 480 (30/25 fps)		640 x 480 (30/25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)	
352 x 240 (30 fps) / 352 x 288 (25 fps)		352 x 240 (30 fps) / 352 x 288 (25 fps)	
1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)	
		800 x 600 (30/25 fps)	
		720 x 480 (30 fps) / 720 x 576 (25 fps)	
		640 x 480 (30/25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)	
	800 x 600 (30/25 fps)		800 x 600 (30/25 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)		720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)		640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)		352 x 240 (30 fps) / 352 x 288 (25 fps)	
800 x 600 (30/25 fps)	800 x 600 (30/25 fps)	800 x 600 (30/25 fps)	
		720 x 480 (30 fps) / 720 x 576 (25 fps)	
		640 x 480 (30/25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)	
	720 x 480 (30 fps) / 720 x 576 (25 fps)		720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)		640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)		352 x 240 (30 fps) / 352 x 288 (25 fps)

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
	fps)	fps)
720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
	640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
		640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)

Dual Streams- 4M Only

H.264 + H.264 / MJPEG	
H.264-1	H.264-2
2560 x 1440 (15 fps)	1920 x 1080 (15 fps)
	1280 x 1024 (15 fps)
	1280 x 720 (15 fps)
	1024 x 768 (15 fps)
2560 x 1440 (15/25 fps)	800 x 600 (15 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
2304 x 1296 (15 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
2304 x 1296 (15/25 fps)	1920 x 1080 (15 fps)
	1280 x 1024 (15 fps)
2304 x 1296 (30/25 fps)	1280 x 720 (15/25 fps)
	1024 x 768 (15/25 fps)
	800 x 600 (15/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
1920 x 1080 (30/25 fps)	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
	1920 x 1080 (15 fps)
	1280 x 1024 (30/25 fps)
	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
1280 x 1024 (30/25 fps)	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
	1280 x 1024 (30/25 fps)
	1280 x 720 (30/25 fps)
1280 x 720 (30/25 fps)	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
	1024 x 768 (30/25 fps)
1024 x 768 (30/25 fps)	800 x 600 (30/25 fps)

H.264 + H.264 / MJPEG	
H.264-1	H.264-2
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
800 x 600 (30/25 fps)	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)

Single Stream- 4M Only

H.264 / MJPEG
2560 x 1440 (30/25 fps)
2304 x 1296 (30/25 fps)
1920 x 1080 (30/25 fps)
1280 x 1024 (30/25 fps)
1280 x 720 (30/25 fps)
1024 x 768 (30/25 fps)
800 x 600 (30/25 fps)
720 x 480 (30 fps) / 720 x 576 (25 fps)
640 x 480 (30/25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)

Triple Streams- 3M Only

Note: MJPEG only supports 1080P and under.

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
2048 x 1536 (15 fps)	1920 x 1080 (15 fps)	1280 x 720 (15 fps)
		1024 x 768 (15 fps)
		800 x 600 (15 fps)
	1920 x 1080 (15 fps)	720 x 480 (15 fps) / 720 x 576 (15 fps)
		640 x 480 (15 fps)
		352 x 240 (15 fps) / 352 x 288 (15 fps)
	1280 x 1024 (15 fps)	1280 x 720 (15 fps)
		1024 x 768 (15 fps)
		800 x 600 (15 fps)
	1280 x 1024 (15/25 fps)	720 x 480 (15 fps) / 720 x 576 (15 fps)
		640 x 480 (15/25 fps)
		352 x 240 (15 fps) / 352 x 288 (25 fps)
2048 x 1536 (15/25 fps)	1280 x 720 (15/25 fps)	1280 x 720 (15 fps)
		1024 x 768 (15 fps)
		800 x 600 (15/25 fps)
		720 x 480 (15 fps) / 720 x 576 (25 fps)
		640 x 480 (15/25 fps)
		352 x 240 (15 fps) / 352 x 288 (25 fps)
	1024 x 768 (15/25 fps)	1024 x 768 (15/25 fps)
		800 x 600 (15/25 fps)

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
		720 x 480 (15 fps) / 720 x 576 (25 fps)
		640 x 480 (15/25 fps)
		352 x 240 (15 fps) / 352 x 288 (25 fps)
	800 x 600 (15/25 fps)	800 x 600 (15/25 fps)
		720 x 480 (15 fps) / 720 x 576 (25 fps)
		640 x 480 (15/25 fps)
	720 x 480 (15 fps) / 720 x 576 (25 fps)	720 x 480 (15 fps) / 720 x 576 (25 fps)
640 x 480 (15/25 fps)		
2048 x 1536 (30/25 fps)	720 x 480 (15/25 fps)	352 x 240 (15 fps) / 352 x 288 (25 fps)
	640 x 480 (15/25 fps)	352 x 240 (15 fps) / 352 x 288 (25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
1920 x 1080 (30/25 fps)	1920 x 1080 (15/25 fps)	1280 x 720 (---/15 fps)
		1024 x 768 (---/15 fps)
		800 x 600 (15/25 fps)
		720 x 480 (15 fps) / 720 x 576 (25 fps)
		640 x 480 (15/25 fps)
	1280 x 1024 (30/25 fps)	352 x 240 (15 fps) / 352 x 288 (25 fps)
		1280 x 720 (15/25 fps)
		1024 x 768 (15/25 fps)
		800 x 600 (15/25 fps)
		720 x 480 (15 fps) / 720 x 576 (25 fps)

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
1280 x 1024 (30/25 fps)	1280 x 1024 (30/25 fps)	640 x 480 (15/25 fps)
		352 x 240 (15 fps) / 352 x 288 (25 fps)
	1280 x 720 (30/25 fps)	1280 x 720 (---/25 fps)
		1024 x 768 (15/25 fps)
		800 x 600 (15/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
	1280 x 720 (15/--- fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
		1280 x 720 (15/--- fps)
	1024 x 768 (30/25 fps)	1024 x 768 (15/25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
	800 x 600 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	352 x 240 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	1280 x 1024 (30/25 fps)	1280 x 720 (15/25 fps)
		1024 x 768 (30/25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)
		1024 x 768 (30/25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)
		800 x 600 (30/25 fps)
720 x 480 (30 fps) / 720 x 576 (25 fps)		
640 x 480 (30/25 fps)		
352 x 240 (30 fps) / 352 x 288 (25 fps)		
800 x 600 (30/25 fps)	800 x 600 (30/25 fps)	
	720 x 480 (30 fps) / 720 x 576 (25 fps)	
	640 x 480 (30/25 fps)	
	352 x 240 (30 fps) / 352 x 288 (25 fps)	
720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
	640 x 480 (30/25 fps)	
	352 x 240 (30 fps) / 352 x 288 (25 fps)	
640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	
	352 x 240 (30 fps) / 352 x 288 (25 fps)	
352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)
		1024 x 768 (30/25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
	800 x 600 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)

H.264 + H.264 + H.264 / MJPEG

H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	
H.264-1	H.264-2	H.264-3	
1280 x 720 (30/25 fps)	800 x 600 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
		640 x 480 (30/25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)	
	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	
352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)	
		800 x 600 (30/25 fps)	
		720 x 480 (30 fps) / 720 x 576 (25 fps)	
		640 x 480 (30/25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)	
	800 x 600 (30/25 fps)	800 x 600 (30/25 fps)	
		720 x 480 (30 fps) / 720 x 576 (25 fps)	
		640 x 480 (30/25 fps)	
	720 x 480 (30 fps) / 720 x 576 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
800 x 600 (30/25 fps)	800 x 600 (30/25 fps)	800 x 600 (30/25 fps)	
		720 x 480 (30 fps) / 720 x 576 (25 fps)	
		640 x 480 (30/25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)	
	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
		640 x 480 (30/25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)	
	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)	
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
	fps)	fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)

Dual Streams- 3M Only

Note: MJPEG only supports 1080P and under.

H.264 + H.264 / MJPEG	
H.264-1	H.264-2
2048 x 1536 (15 fps)	1920 x 1080 (15 fps)
2048 x 1536 (15/25 fps)	1280 x 1024 (15 fps)
	1280 x 720 (15/25 fps)
	1024 x 768 (15/25 fps)
2048 x 1536 (30/25 fps)	800 x 600 (15/25 fps)
	720 x 480 (15 fps) / 720 x 576 (25 fps)
	640 x 480 (15/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
1920 x 1080 (30/25 fps)	1920 x 1080 (15 fps)
	1280 x 1024 (30/25 fps)
	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
1280 x 1024 (30/25 fps)	1280 x 1024 (30/25 fps)
	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
800 x 600 (30/25 fps)	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)

Single Stream- 3M Only

Note: MJPEG only supports 1080P and under.

H.264 / MJPEG
2048 x 1536 (30/25 fps)
1920 x 1080 (30/25 fps)
1280 x 1024 (30/25 fps)
1280 x 720 (30/25 fps)
1024 x 768 (30/25 fps)
800 x 600 (30/25 fps)
720 x 480 (30 fps) / 720 x 576 (25 fps)
640 x 480 (30/25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)

Advanced- HDR (2 Shutter Mode) Video Resolution

Note: Under HDR 2 shutter mode, BNC function is only supported under single stream.

Triple Streams- 4M Only

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
2560 x 1440 (15 fps)	1920 x 1080 (15 fps)	1280 x 720 (15 fps)
		1024 x 768 (15 fps)
		800 x 600 (15 fps)
		720 x 480 (15 fps) / 720 x 576 (15 fps)
		640 x 480 (15 fps)
		352 x 240 (15 fps) / 352 x 288 (15 fps)
2560 x 1440 (15/25 fps)	1280 x 1024 (15 fps)	1280 x 720 (15 fps)
		1024 x 768 (15 fps)
		800 x 600 (15 fps)
		720 x 480 (15 fps) / 720 x 576 (15 fps)
		640 x 480 (15 fps)
		352 x 240 (15 fps) / 352 x 288 (15 fps)
2560 x 1440 (15/25 fps)	1280 x 720 (15/25 fps)	1280 x 720 (15 fps)
		1024 x 768 (15 fps)
		800 x 600 (15 fps)
		720 x 480 (15 fps) / 720 x 576 (15 fps)
	1024 x 768 (15/25 fps)	640 x 480 (15 fps)
		352 x 240 (15 fps) / 352 x 288 (15 fps)
		800 x 600 (15/25 fps)
		720 x 480 (15 fps) / 720 x 576 (15 fps)
	800 x 600 (15/25 fps)	640 x 480 (15/25 fps)
		352 x 240 (15/25 fps) / 352 x 288 (15/25 fps)
		800 x 600 (15/25 fps)
		720 x 480 (15/25 fps) / 720 x 576 (15/25 fps)
2560 x 1440 (30 fps)	720 x 480 (15 fps) / 720 x 576 (25 fps)	640 x 480 (15/25 fps)
		352 x 240 (15 fps) / 352 x 288 (25 fps)
		640 x 480 (15/25 fps)
	640 x 480 (15/25 fps)	352 x 240 (15/25 fps) / 352 x 288 (25 fps)
		640 x 480 (15/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
2304 x 1296 (15/25 fps)	1920 x 1080 (15 fps)	1280 x 720 (15 fps)
		1024 x 768 (15 fps)
		800 x 600 (15 fps)
		720 x 480 (15 fps) / 720 x 576 (15 fps)
		640 x 480 (15 fps)
		352 x 240 (15 fps) / 352 x 288 (15 fps)
	1280 x 1024 (15 fps)	1280 x 720 (15 fps)
		1024 x 768 (15/--- fps)
		1024 x 768 (---/15 fps)
		1024 x 768 (---/15 fps)
2304 x 1296 (30/25 fps)	1280 x 1024 (15/25 fps)	1024 x 768 (---/15 fps)

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
		800 x 600 (15/25 fps)
		720 x 480 (15 fps) / 720 x 576 (25 fps)
		640 x 480 (15/25 fps)
		352 x 240 (15 fps) / 352 x 288 (25 fps)
	1280 x 720 (15/25 fps)	1280 x 720 (15/25 fps)
		1024 x 768 (15/25 fps)
		800 x 600 (15/25 fps)
		720 x 480 (15 fps) / 720 x 576 (25 fps)
	1280 x 720 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	1024 x 768 (15/25 fps)	1024 x 768 (15/25 fps)
1024 x 768 (30/25 fps)	800 x 600 (15/25 fps)	
	720 x 480 (15 fps) / 720 x 576 (25 fps)	
	640 x 480 (15/25 fps)	
2304 x 1296 (30 fps)	1280 x 720 (30 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
2304 x 1296 (30 fps)	800 x 600 (30/25 fps)	800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	1920 x 1080 (30/25 fps)	1920 x 1080 (15/25 fps)
1024 x 768 (15 fps)		
800 x 600 (15/25 fps)		
720 x 480 (15 fps) / 720 x 576 (25 fps)		
640 x 480 (15/25 fps)		
352 x 240 (15/25 fps)		
1920 x 1080 (30/25 fps)	1280 x 1024 (30/25 fps)	1280 x 720 (15/25 fps)
		1024 x 768 (15/25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)
		1024 x 768 (30/25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)	
	800 x 600 (30/25 fps)	
	720 x 480 (30 fps) / 720 x 576 (25 fps)	

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
	800 x 600 (30/25 fps)	640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
1280 x 1024 (30/25 fps)	1280 x 1024 (30/25 fps)	1280 x 720 (30/25 fps)
		1024 x 768 (30/25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)
		1024 x 768 (30/25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	800 x 600 (30/25 fps)	800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
1280 x 1024 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)
		1024 x 768 (30/25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
	640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
		640 x 480 (30/25 fps)
640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)

Dual Streams- 4M Only

*4M does not support resolution QVGA (320 x 240).

H.264 + H.264 / MJPEG	
H.264-1	H.264-2
2560 x 1440 (15 fps)	1920 x 1080 (15 fps)
2560 x 1440 (15/25 fps)	1280 x 1024 (15 fps)
	1280 x 720 (15/25 fps)
	1024 x 768 (15/25 fps)
	800 x 600 (15/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
2304 x 1296 (30/25 fps)	1920 x 1080 (15 fps)
	1280 x 1024 (15/25 fps)
	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)	
1920 x 1080 (30 fps)	1920 x 1080 (15/25 fps)
	1280 x 1024 (30/25 fps)
	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)	
1280 x 1024 (30/25 fps)	1280 x 1024 (30/25 fps)
	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
1024 x 768 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
800 x 600 (30/25 fps)	640 x 480 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)

Single Stream- 4M Only

H.264 / MJPEG
2560 x 1440 (30/25 fps)
2304 x 1296 (30/25 fps)
1920 x 1080 (30/25 fps)
1280 x 1024 (30/25 fps)
1280 x 720 (30/25 fps)
1024 x 768 (30/25 fps)
800 x 600 (30/25 fps)
720 x 480 (30 fps) / 720 x 576 (25 fps)
640 x 480 (30/25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)

Triple Streams- 3M Only

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
2048 x 1536 (15 fps)	1920 x 1080 (15 fps)	1280 x 720 (15 fps) 1024 x 768 (15 fps)
2048 x 1536 (15/25 fps)	1920 x 1080 (15 fps)	800 x 600 (15 fps)
		720 x 480 (15 fps) / 720 x 576 (15 fps)
		640 x 480 (15 fps)
		352 x 240 (15 fps) / 352 x 288 (15 fps)
2048 x 1536 (15/25 fps)	1280 x 1024 (15 fps)	1280 x 720 (15 fps) 1024 x 768 (15 fps) 800 x 600 (15/- fps)
	1280 x 720 (15/--- fps)	1280 x 720 (15/--- fps)
2048 x 1536 (30/25 fps)	1280 x 1024 (15/25 fps)	800 x 600 (---/15 fps)
		720 x 480 (15 fps) / 720 x 576 (15 fps)
		640 x 480 (15 fps)
		352 x 240 (15 fps)
	1280 x 720 (15/25 fps)	1280 x 720 (15 fps)
		1024 x 768 (15 fps)
		800 x 600 (15/25 fps)
		720 x 480 (15 fps) / 720 x 576 (25 fps)
	1024 x 768 (15/25 fps)	640 x 480 (15/25 fps)
		352 x 240 (15 fps) / 352 x 288 (15 fps)
		1024 x 768 (15/25 fps)
		800 x 600 (15/25 fps)
	1024 x 768 (30/25 fps)	720 x 480 (15 fps) / 720 x 576 (25 fps)
		640 x 480 (15/25 fps)
	800 x 600 (15/25 fps)	352 x 240 (15 fps) / 352 x 288 (15 fps)
		800 x 600 (15/25 fps)
800 x 600 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
	640 x 480 (30/25 fps)	
	352 x 240 (30 fps) / 352 x 288 (25 fps)	
720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
	640 x 480 (30/25 fps)	
	352 x 240 (30 fps) / 352 x 288 (25 fps)	
640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	
	352 x 240 (30 fps) / 352 x 288 (25 fps)	

H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
1920 x 1080 (30/25 fps)	1920 x 1080 (15/25 fps)	1280 x 720 (15 fps)	
		1024 x 768 (15 fps)	
		800 x 600 (15/25 fps)	
		720 x 480 (15 fps) / 720 x 576 (25 fps)	
		640 x 480 (15/25 fps)	
		352 x 240 (15 fps) / 352 x 288 (25 fps)	
1280 x 1024 (30/25 fps)	1280 x 1024 (30/25 fps)	1280 x 720 (15/25 fps)	
		1024 x 768 (15/25 fps)	
		800 x 600 (30/25 fps)	
1920 x 1080 (30/25 fps)	1280 x 1024 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
		640 x 480 (30/25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)	
	1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)
			1024 x 768 (30/25 fps)
			800 x 600 (30/25 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
	1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)
			800 x 600 (30/25 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
	800 x 600 (30/25 fps)	800 x 600 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
			800 x 600 (30/25 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
			640 x 480 (30/25 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
			640 x 480 (30/25 fps)
	1280 x 1024 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
			640 x 480 (30/25 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)
			800 x 600 (30/25 fps)
			1024 x 768 (30/25 fps)
			1280 x 720 (30/25 fps)
1280 x 720 (30/25 fps)		1280 x 720 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
			640 x 480 (30/25 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)
			800 x 600 (30/25 fps)
			1024 x 768 (30/25 fps)
			1280 x 720 (30/25 fps)
			1280 x 720 (30/25 fps)
			1280 x 720 (30/25 fps)

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
	1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	800 x 600 (30/25 fps)	800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
	640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)		
1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)
		1024 x 768 (30/25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
	1024 x 768 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
		1024 x 768 (30/25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
	800 x 600 (30/25 fps)	640 x 480 (30/25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
1280 x 720 (30/25 fps)	800 x 600 (30/25 fps)	
	720 x 480 (30 fps) / 720 x 576 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
	640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
		640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	800 x 600 (30/25 fps)	800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
	720 x 480 (30 fps) / 720 x 576 (25 fps)	fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
	640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
		640 x 480 (30/25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
800 x 600 (30/25 fps)	800 x 600 (30/25 fps)	800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)

Dual Streams- 3M Only

H.264 + H.264 / MJPEG	
H.264-1	H.264-2
2048 x 1526 (15/25 fps)	1920 x 1080 (15 fps)
	1280 x 1024 (15/25 fps)
	1280 x 720 (15/25 fps)
2048 x 1526 (15/25 fps)	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
1920 x 1080 (30/25 fps)	1920 x 1080 (15/25 fps)
	1280 x 1024 (30/25 fps)
	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)

H.264 + H.264 / MJPEG	
H.264-1	H.264-2
H.264 + H.264 / MJPEG	
H.264-1	H.264-2
1920 x 1080 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
1280 x 1024 (30/25 fps)	1280 x 1024 (30/25 fps)
	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
1024 x 768 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
800 x 600 (30/25 fps)	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
720 x 480 (30 fps) / 720 x 576 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)

Single Stream- 3M Only

H.264 / MJPEG
2048 x 1536 (30/25 fps)
1920 x 1080 (30/25 fps)
1280 x 1024 (30/25 fps)
1280 x 720 (30/25 fps)
1024 x 768 (30/25 fps)
800 x 600 (30/25 fps)
720 x 480 (30 fps) / 720 x 576 (25 fps)
640 x 480 (30/25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)

Advanced- HDR (3 Shutter Mode) Video Resolution

Note: Under HDR 3 shutter mode, IP camera can only support at most three streams. In addition, BNC function is only supported under single stream.

Triple Streams- 4M Only

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
2560 x 1440 (15 fps)	1920 x 1080 (15 fps)	1024 x 768 (15 fps)
		800 x 600 (15 fps)
		720 x 480 (15 fps) / 720 x 576 (15 fps)
		640 x 480 (15 fps)
		352 x 240 (15 fps) / 352 x 288 (15 fps)
	1280 x 1024 (15 fps)	1280 x 720 (15 fps)
		1024 x 768 (15 fps)
		800 x 600 (15 fps)
		720 x 480 (15 fps) / 720 x 576 (15 fps)
		640 x 480 (15 fps)
	1280 x 720 (15 fps)	1280 x 720 (15 fps)
		1024 x 768 (15 fps)
		800 x 600 (15 fps)
		720 x 480 (15 fps) / 720 x 576 (15 fps)
		640 x 480 (15 fps)
	1024 x 768 (15 fps)	352 x 240 (15 fps) / 352 x 288 (15 fps)
		1024 x 768 (15 fps)
		800 x 600 (15 fps)
		720 x 480 (15 fps) / 720 x 576 (15 fps)
		640 x 480 (15 fps)
	800 x 600 (15 fps)	352 x 240 (15 fps) / 352 x 288 (15 fps)
		800 x 600 (15 fps)
		720 x 480 (15 fps) / 720 x 576 (15 fps)
		640 x 480 (15 fps)
	720 x 480 (15 fps) / 720 x 576 (15 fps)	352 x 240 (15 fps) / 352 x 288 (15 fps)
		720 x 480 (15 fps) / 720 x 576 (15 fps)
		640 x 480 (15 fps)
	640 x 480 (15 fps)	640 x 480 (15 fps)
352 x 240 (15 fps) / 352 x 288 (15 fps)		
352 x 240 (15 fps) / 352 x 288 (15 fps)	352 x 240 (15 fps) / 352 x 288 (15 fps)	
2304 x 1296 (15 fps)	1920 x 1080 (15 fps)	1280 x 720 (15 fps)
		1024 x 768 (15 fps)
		800 x 600 (15 fps)
		720 x 480 (15 fps) / 720 x 576 (15 fps)
		640 x 480 (15 fps)
	1280 x 1024 (15 fps)	352 x 240 (15 fps) / 352 x 288 (15 fps)
		1280 x 720 (15 fps)
		1024 x 768 (15 fps)
		800 x 600 (15 fps)
		720 x 480 (15 fps) / 720 x 576 (15 fps)

H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	
	1280 x 720 (15 fps)	800 x 600 (15 fps)	
		720 x 480 (15 fps) / 720 x 576 (15 fps)	
2304 x 1296 (15/25 fps)	1280 x 1024 (15 fps)	1280 x 720 (15 fps)	
		1024 x 768 (15 fps)	
	1280 x 720 (15 fps)	640 x 480 (15 fps)	
		352 x 240 (15 fps) / 352 x 288 (15 fps)	
		800 x 600 (15 fps)	
	1280 x 720 (15/25 fps)	720 x 480 (15 fps) / 720 x 576 (15 fps)	
		640 x 480 (15 fps)	
	1024 x 768 (15 fps)	352 x 240 (15 fps) / 352 x 288 (15 fps)	
		1024 x 768 (15 fps)	
		800 x 600 (15 fps)	
		720 x 480 (15 fps) / 720 x 576 (15 fps)	
	1024 x 768 (15/25 fps)		640 x 480 (15 fps)
352 x 240 (15 fps) / 352 x 288 (25 fps)			
H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	
2304 x 1296 (15/25 fps)	800 x 600 (15/25 fps)	800 x 600 (15/25 fps)	
		720 x 480 (15 fps) / 720 x 576 (25 fps)	
		640 x 480 (15/25 fps)	
2304 x 1296 (30/25 fps)	800 x 600 (15/25 fps)	352 x 240 (15 fps) / 352 x 288 (25 fps)	
		720 x 480 (15 fps) / 720 x 576 (25 fps)	
	720 x 480 (15 fps) / 720 x 576 (15 fps)	640 x 480 (15/25 fps)	
		352 x 240 (15 fps) / 352 x 288 (25 fps)	
		640 x 480 (15/25 fps)	
640 x 480 (15/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (15 fps) / 352 x 288 (25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)	
1920 x 1080 (15/25 fps)	1920 x 1080 (15 fps)	1280 x 720 (15 fps)	
		1024 x 768 (15 fps)	
		800 x 600 (15 fps)	
1920 x 1080 (30/25 fps)	1280 x 1024 (15/25 fps)	1280 x 720 (15 fps)	
		1024 x 768 (15 fps)	
		800 x 600 (15/25 fps)	
		720 x 480 (15 fps) / 720 x 576 (25 fps)	
		640 x 480 (15/25 fps)	
	1280 x 1024 (15 fps)	352 x 240 (15 fps) / 352 x 288 (25 fps)	352 x 240 (15 fps) / 352 x 288 (25 fps)
			720 x 480 (15 fps) / 720 x 576 (15 fps)
			640 x 480 (15 fps)
	1280 x 720 (15/25 fps)	352 x 240 (15 fps) / 352 x 288 (15 fps)	352 x 240 (15 fps) / 352 x 288 (15 fps)
			1280 x 720 (15/25 fps)
	1280 x 720 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	1024 x 768 (15/25 fps)
			800 x 600 (15/25 fps)
			720 x 480 (15 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
	1024 x 768 (30 fps)		352 x 240 (30 fps) / 352 x 288 (25 fps)
1024 x 768 (15/25 fps)			
800 x 600 (15/25 fps)			
		720 x 480 (30 fps) / 720 x 576 (25 fps)	

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
		fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	800 x 600 (30/25 fps)	800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
1280 x 1024 (15/25 fps)	1280 x 1024 (15/25 fps)	1280 x 720 (15/25 fps)
		800 x 600 (30/25 fps)
	1280 x 1024 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
		1280 x 720 (30/25 fps)
		1024 x 768 (30/25 fps)
		800 x 600 (30/25 fps)
	1280 x 720 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
		1024 x 768 (30/25 fps)
		800 x 600 (30/25 fps)
	1024 x 768 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
	800 x 600 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
	720 x 480 (30 fps) / 720 x 576 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
		1280 x 720 (30/25 fps)
		1024 x 768 (30/25 fps)
		800 x 600 (30/25 fps)
	1280 x 720 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
	1024 x 768 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
		1024 x 768 (30/25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
	800 x 600 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	
	352 x 240 (30 fps) / 352 x 288 (25 fps)	
352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	800 x 600 (30/25 fps)	800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	
	352 x 240 (30 fps) / 352 x 288 (25 fps)	
352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
800 x 600 (30/25 fps)	800 x 600 (30/25 fps)	800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
	640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)

Dual Streams- 4M Only

H.264 + H.264 / MJPEG	
H.264-1	H.264-2
2304 x 1296 (15/25 fps)	1280 x 1024 (15 fps)
	1280 x 720 (15/25 fps)
	1024 x 768 (15/25 fps)
	800 x 600 (15/25 fps)
2560 x 1440 (15 fps)	1920 x 1080 (15 fps)
	1280 x 1024 (15 fps)
	1280 x 720 (15 fps)
	1024 x 768 (15 fps)
	800 x 600 (15 fps)
	720 x 480 (15 fps) / 720 x 576 (15 fps)
	640 x 480 (15 fps)
	352 x 240 (15 fps) / 352 x 288 (15 fps)
2304 x 1296 (15 fps)	1920 x 1080 (15 fps)
2304 x 1296 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
1920 x 1080 (30 fps)	1920 x 1080 (15 fps)
	1280 x 1024 (15/25 fps)
	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
1280 x 1024 (30/25 fps)	1280 x 1024 (30/25 fps)
	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
800 x 600 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)

Single Stream- 4M Only

H.264 / MJPEG
2560 x 1440 (15 fps)*
1920 x 1080 (30/25 fps)
1280 x 1024 (30/25 fps)
1280 x 720 (30/25 fps)
1024 x 768 (30/25 fps)
800 x 600 (30/25 fps)
720 x 480 (30 fps) / 720 x 576 (25 fps)
640 x 480 (30/25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)

Triple Streams- 3M Only

H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	
2048 x 1536 (15 fps)	1920 x 1080 (15 fps)	1280 x 720 (15 fps)	
		1024 x 768 (15 fps)	
		800 x 600 (15 fps)	
		720 x 480 (15 fps) / 720 x 576 (15 fps)	
		640 x 480 (15 fps)	
	1024 x 768 (15 fps)	352 x 240 (15 fps) / 352 x 288 (15 fps)	
		1280 x 720 (15 fps)	
		1024 x 768 (15 fps)	
		800 x 600 (15 fps)	
		720 x 480 (15 fps) / 720 x 576 (15 fps)	
1280 x 720 (15 fps)	640 x 480 (15 fps)		
	1280 x 720 (15 fps)		
2048 x 1536 (15/25 fps)	1024 x 768 (15 fps)	1024 x 768 (15 fps)	
	1280 x 1024 (15 fps)	1024 x 768 (15 fps)	
	1280 x 720 (15 fps)	1280 x 1024 (15 fps)	352 x 240 (15 fps) / 352 x 288 (15 fps)
		800 x 600 (15 fps)	800 x 600 (15 fps)
		720 x 480 (15 fps) / 720 x 576 (15 fps)	720 x 480 (15 fps) / 720 x 576 (15 fps)
		640 x 480 (15 fps)	640 x 480 (15 fps)
	1024 x 768 (15/25 fps)	1024 x 768 (15/25 fps)	720 x 480 (15 fps) / 720 x 576 (15 fps)
		800 x 600 (15/25 fps)	352 x 240 (15 fps) / 352 x 288 (15 fps)
	800 x 600 (15 fps)		800 x 600 (15 fps)
	720 x 480 (15 fps) / 720 x 576 (15 fps)		720 x 480 (15 fps) / 720 x 576 (15 fps)
640 x 480 (15/25 fps)	640 x 480 (15/25 fps)		
720 x 480 (15 fps) / 720 x 576 (25 fps)	720 x 480 (15/25 fps)	352 x 240 (15 fps) / 352 x 288 (25 fps)	
		720 x 480 (15 fps) / 720 x 576 (25 fps)	
		640 x 480 (15/25 fps)	
640 x 480 (15/25 fps)	640 x 480 (15/25 fps)	352 x 240 (15 fps) / 352 x 288 (25 fps)	
		640 x 480 (15/25 fps)	
352 x 240 (15 fps) / 352 x 288 (25 fps)	352 x 240 (15/25 fps) / 352 x 288 (25 fps)	352 x 240 (15 fps) / 352 x 288 (25 fps)	
		352 x 240 (15 fps) / 352 x 288 (25 fps)	
1920 x 1080 (15/25 fps)	1920 x 1080 (15 fps)	1280 x 720 (15 fps)	

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
		1024 x 768 (15 fps)
		800 x 600 (15 fps)
1920 x 1080 (30 fps)	1920 x 1080 (15 fps)	720 x 480 (15 fps) / 720 x 576 (15 fps)
		640 x 480 (15 fps)
		352 x 240 (15 fps) / 352 x 288 (15 fps)
		1280 x 720 (15 fps)
	1280 x 1024 (15/25 fps)	1024 x 768 (15 fps)
		800 x 600 (15/25 fps)
		720 x 480 (15 fps) / 720 x 576 (25 fps)
		640 x 480 (15/25 fps)
		352 x 240 (15/25 fps)
		1280 x 720 (15/25 fps)
1280 x 720 (15/25 fps)	1024 x 768 (15/25 fps)	
H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
1920 x 1080 (30 fps)	1280 x 720 (30/25 fps)	800 x 600 (15/25 fps)
		720 x 480 (15 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	1024 x 768 (30/25 fps)	1024 x 768 (15/25 fps)
		800 x 600 (15/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
	800 x 600 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
	640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
		640 x 480 (30/25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
1280 x 1024 (30 fps)	1280 x 1024 (30/25 fps)	1280 x 720 (15/25 fps)
		1024 x 768 (15/25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)
		1024 x 768 (30/25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
	1024 x 768 (30/25 fps)	640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)	
	800 x 600 (30/25 fps)	
	720 x 480 (30 fps) / 720 x 576 (25 fps)	

H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	
		fps)	
		640 x 480 (30/25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)	
	800 x 600 (30/25 fps)		800 x 600 (30/25 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)		720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
640 x 480 (30/25 fps)		640 x 480 (30/25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)	
352 x 240 (30 fps) / 352 x 288 (25 fps)		352 x 240 (30 fps) / 352 x 288 (25 fps)	
1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)	
		1024 x 768 (30/25 fps)	
		800 x 600 (30/25 fps)	
		720 x 480 (30 fps) / 720 x 576 (25 fps)	
		640 x 480 (30/25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)	
	1024 x 768 (30/25 fps)		1024 x 768 (30/25 fps)
			800 x 600 (30/25 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
	800 x 600 (30/25 fps)		352 x 240 (30 fps) / 352 x 288 (25 fps)
			800 x 600 (30/25 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)		352 x 240 (30 fps) / 352 x 288 (25 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)		640 x 480 (30/25 fps)
			640 x 480 (30/25 fps)
1280 x 720 (30/25 fps)	640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)	
		800 x 600 (30/25 fps)	
		720 x 480 (30 fps) / 720 x 576 (25 fps)	
		640 x 480 (30/25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)	
	800 x 600 (30/25 fps)		800 x 600 (30/25 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
		640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
800 x 600 (30/25 fps)	800 x 600 (30/25 fps)	800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)	
640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)

Dual Streams- 3M Only

H.264 + H.264 / MJPEG	
H.264-1	H.264-2
2560 x 1440 (15 fps)	1920 x 1080 (15 fps)
2560 x 1440 (15/25 fps)	1280 x 1024 (15 fps)
	1280 x 720 (15 fps)
	1024 x 768 (15 fps)
	800 x 600 (15 fps)
	720 x 480 (15 fps)
	640 x 480 (15 fps)
	352 x 240 (15 fps) / 352 x 288 (15 fps)
1920 x 1080 (30 fps)	1920 x 1080 (15 fps)
	1280 x 1024 (15/25 fps)
	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)	
1280 x 1024 (30/25 fps)	1280 x 1024 (30/25 fps)
	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
1024 x 768 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
800 x 600 (30/25 fps)	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
720 x 480 (30 fps) / 720 x 576 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)

Single Stream- 3M Only

H.264 / MJPEG
2048 x 1536 (15 fps)
2048 x 1536 (30/25 fps)
1920 x 1080 (30/25 fps)
1280 x 1024 (30/25 fps)
1280 x 720 (30/25 fps)
1024 x 768 (30/25 fps)
800 x 600 (30/25 fps)
720 x 480 (30 fps) / 720 x 576 (25 fps)
640 x 480 (30/25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)

12M Fisheye IP Camera

Note: Fisheye IP camera does not support BNC function.

Dual Streams- Front End Correction

MJPEG only supports for 1080P or under.

(*) Only available for H.264.

H.264 + H.264 / MJPEG	
H.264-1	H.264-2
2048 x 2048 (15 fps)	2048 x 1536 (15 fps)*
	1920 x 1080 (15 fps)
	1600 x 1200 (15 fps)
	960 x 960 (15 fps)
	960 x 720 (15 fps)
	960 x 544 (15 fps)
1408 x 1408 (20 fps)	2688 x 1520 (20 fps)*
	2048 x 1536 (20 fps)*
1408 x 1408 (30/25 fps)	1920 x 1080 (30/25 fps)
	1600 x 1200 (30/25 fps)
	960 x 960 (30/25 fps)
	960 x 720 (30/25 fps)
	960 x 544 (30/25 fps)
960 x 960 (20 fps)	2688 x 1520 (20 fps)*
960 x 960 (30/25 fps)	2048 x 1536 (30/25 fps)*
	1920 x 1080 (30/25 fps)
	1600 x 1200 (30/25 fps)
	960 x 960 (30/25 fps)
	960 x 720 (30/25 fps)
	960 x 544 (30/25 fps)

Single Stream- Front End Correction

MJPEG only supports for 1080P and under.

H.264 / MJPEG
2048 x 2048 (30/25 fps)
2048 x 1536 (30/25 fps)
1920 x 1080 (30/25 fps)
1600 x 1200 (30/25 fps)
960 x 960 (30/25 fps)
960 x 720 (30/25 fps)
960 x 544 (30/25 fps)

Quad Streams- Back End Correction

MJPEG only supports for 1080P or under.

H.264 + H.264 + H.264 + H.264 / MJPEG				
H.264-1	H.264-2	H.264-3	H.264-4	
1920 x 1080 (60/50 fps)	1280 x1024 (30/25 fps)	1280 x720 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640 x 480 (30/25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
		1024x768 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640x480 (30/25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
		800x600 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640x480 (30/25 fps)	
			720 x 480 (30 fps) / 720 x 576 (25 fps)	
		1280 x 1024 (60/50 fps)	800x600 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
				640x480 (30/25 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	320 x 240 (30/25 fps)			
	640x480 (30/25 fps)		640 x 480 (30/25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
	352x240 (60 fps) / 352 x 288 (50 fps)		352 x 240 (60 fps) / 352 x 288 (50 fps)	
			352 x 288 (50 fps)	
	1280 x 720 (60/50 fps)	1280 x 720 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640 x 480(30/25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
		1024 x 768 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640 x 480 (30/25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
		800 x 600 (60/50 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640 x 480 (30/25 fps)	
			352x240 (60 fps) / 352 x 288 (50 fps)	
		720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	
			640 x 480 (60/50 fps)	
			352x240 (60 fps) / 352 x 288 (50 fps)	
		640 x 480 (60/50 fps)	320 x 240 (60/50 fps)	
640 x 480 (60/50 fps)				
352x240 (60 fps) / 352 x 288 (50 fps)				
352x240 (60 fps) / 352 x 288 (50 fps)		352x240 (60 fps) / 352 x 288 (50 fps)		
		352 x 288 (50 fps)		
		352 x 288 (50 fps)		
1024 x 768 (60 fps)	1024x768 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)		
		640x480 (30/25 fps)		
	1024x768 (60/50 fps)	352x240 (30fps)		
	800x600 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)		
		640 x 480 (60/50 fps)		
	352 x 240 (60 fps) / 352 x 288 (50 fps)			

H.264 + H.264 + H.264 + H.264 / MJPEG				
H.264-1	H.264-2	H.264-3	H.264-4	
H.264 + H.264 + H.264 + H.264 / MJPEG				
H.264-1	H.264-2	H.264-3	H.264-4	
1920 x 1080 (60/50 fps)	1024 x 768 (60 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	
			640 x 480 (60/50 fps)	
			352 x 240 (60 fps) / 352 x 288 (50 fps)	
		640 x 480 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	640 x 480 (60/50 fps)
				352 x 240 (60 fps) / 352 x 288 (50 fps)
				352 x 240 (60 fps) / 352 x 288 (50 fps)
	800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
				640 x 480 (60/50 fps)
				352 x 240 (60 fps) / 352 x 288 (50 fps)
		720 x 480 (60 fps) / 720 x 576 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
				640 x 480 (60/50 fps)
				352 x 240 (60 fps) / 352 x 288 (50 fps)
	640 x 480 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	640 x 480 (60/50 fps)	
			352 x 240 (60 fps) / 352 x 288 (50 fps)	
			352 x 240 (60 fps) / 352 x 288 (50 fps)	
	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
				640 x 480 (60/50 fps)
				352 x 240 (60 fps) / 352 x 288 (50 fps)
		640 x 480 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	640 x 480 (60/50 fps)
				352 x 240 (60 fps) / 352 x 288 (50 fps)
				352 x 240 (60 fps) / 352 x 288 (50 fps)
	640 x 480 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	640 x 480 (60/50 fps)	
			352 x 240 (60 fps) / 352 x 288 (50 fps)	
			320 x 240 (60/50 fps)	
352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)		
		320 x 240 (60/50 fps)		
1280 x 1024 (60/50 fps)	1280 x 1024 (60/50 fps)	1280 x 720 (60/50 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640 x 480 (30/25 fps)	
			352 x 240 (60 fps) / 352 x 288 (50 fps)	
		1024 x 768 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
				640 x 480 (60/50 fps)
				352 x 240 (60 fps) / 352 x 288 (50 fps)
	800 x 600 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	
			640 x 480 (60/50 fps)	
			352 x 240 (60 fps) / 352 x 288 (50 fps)	
	720 x 480 (60 fps) / 720 x 576 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	
			640 x 480 (60/50 fps)	
			352 x 240 (60 fps) / 352 x 288 (50 fps)	

H.264 + H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	H.264-4
		640 x 480 (60/50 fps)	640 x 480 (60/50 fps)

H.264 + H.264 + H.264 + H.264 / MJPEG					
H.264-1	H.264-2	H.264-3	H.264-4		
1280 x 1024 (60/50 fps)	1280 x 1024 (60/50 fps)	640 x 480 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)		
		352 x 240 (60 fps) / 352 x 288 (50 fps)	320 x 240 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)		
1280 x 720 (60/50 fps)	1280 x 720 (60/50 fps)	1280 x 720 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)		
			640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)		
		1024 x 768 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)		
			640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)		
		800 x 600 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)		
			640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)		
	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)			
		640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)			
	1280 x 720 (60/50 fps)	1280 x 720 (60/50 fps)	640 x 480 (60/50 fps)	640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)	
			352 x 240 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	
	1280 x 720 (60/50 fps)	1024 x 768 (60/50 fps)	1024 x 768 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	
				640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)	
			800 x 600 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	
				640 x 480 (60/50 fps) 352 x 240 (60/50 fps)	
			720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	
				640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)	
		640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)	
			352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	
		800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
					640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)
			720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	
				640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)	
	640 x 480 (60/50 fps)		640 x 480 (60/50 fps)	640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)	
			352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	

Triple Streams- Back End Correction

MJPEG only supports for 1080P or under.

H.264 + H.264 + H.264 / MJPEG						
H.264-1	H.264-2	H.264-3				
1920 x 1080 (60/50 fps)	1280 x 1024 (30/25 fps)	1280 x 720 (30/25 fps) 1024 x 768 (30/25 fps)				
	1280 x 1024 (60/50 fps)	1280 x 720 (60/- fps) 1024 x 768 (60/- fps) 800 x 600 (60/25 fps) 720 x 480 (60 fps) / 720 x 576 (25 fps) 640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)				
		1280 x 720 (60/50 fps)	1280 x 720 (60/25 fps) 1024 x 768 (60/25 fps) 800 x 600 (60/50 fps) 720 x 480 (60 fps) / 720 x 576 (50 fps) 640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)			
			1024 x 768 (60/50 fps)	1024 x 768 (60/50 fps) 800 x 600 (60/50 fps) 720 x 480 (60 fps) / 720 x 576 (50 fps) 640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)		
				800 x 600 (60/50 fps)	800 x 600 (60/50 fps) 720 x 480 (60 fps) / 720 x 576 (50 fps) 640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)	
					720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps) 640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)
	640 x 480 (60/50 fps)					352 x 240 (60 fps) / 352 x 288 (50 fps) 320 x 240 (60/50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)				
	1280 x 1024 (60/50 fps)	1280 x 1024 (60/50 fps)	1280 x 720 (60/50 fps) 1024 x 768 (60/50 fps) 800 x 600 (60/50 fps) 720 x 480 (60 fps) / 720 x 576 (50 fps) 640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)			
			1280 x 720 (60/50 fps)	1280 x 720 (60/50 fps) 1024 x 768 (60/50 fps) 800 x 600 (60/50 fps) 720 x 480 (60 fps) / 720 x 576 (50 fps) 640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)		
				1024 x 768 (60/50 fps)	1024 x 768 (60/50 fps) 800 x 600 (60/50 fps) 720 x 480 (60 fps) / 720 x 576 (50 fps) 640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)	
					800 x 600 (60/50 fps)	800 x 600 (60/50 fps) 720 x 480 (60 fps) / 720 x 576 (50 fps) 640 x 480 (60/50 fps)
						352 x 240 (60 fps) / 352 x 288 (50 fps)
		1280 x 1024 (60/50 fps)	800 x 600 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps) 320 x 240 (60/50 fps)		
			720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps) 640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)		
				640 x 480 (60/50 fps)	640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)	
			352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)		
		1280 x 720 (60/50 fps)	1280 x 720 (60/50 fps)	1280 x 720 (60/50 fps) 1024 x 768 (60/50 fps)		

Dual Streams- Back End Correction

MJPEG only supports for 1080P or under.

H.264 + H.264 / MJPEG	
H.264-1	H.264-2
4000 x 3000 (15 fps)	1920 x 1080 (15 fps) 1280 x 720 (15 fps)
3840 x 2160 (20 fps)	1920 x 1080 (20 fps)
	1280 x 1024 (20fps)
	1280 x 720 (20 fps)
	1024 x 768 (20fps)
	800 x 600 (20fps)
	720 x 480 / 720 x 576 (20fps)
3200 x 1800 (30/25 fps)	640 x 480 (20fps)
	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
1920 x 1080 (60/50 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
	1920 x 1080 (30/25 fps)
	1280 x 1024 (30/25 fps)
	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
640 x 480 (60/50 fps)	
1280 x 1024 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
	1280 x 1024 (60/50 fps)
	1280 x 720 (60/50 fps)
	1024 x 768 (60/50 fps)
	800 x 600 (60/50 fps)
	720 x 480 (60 fps) / 720 x 576 (50 fps)
	640 x 480 (60/50 fps)
352 x 240 (60 fps) / 352 x 288 (50 fps)	
1280 x 720 (60/50 fps)	1280 x 720 (60/50 fps)
	1024 x 768 (60/50 fps)
	800 x 600 (60/50 fps)
	720 x 480 (60 fps) / 720 x 576 (50 fps)
	640 x 480 (60/50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)
1024 x 768 (60/50 fps)	1024 x 768 (60/50 fps)
	800 x 600 (60/50 fps)
	720 x 480 (60 fps) / 720 x 576 (50 fps)
	640 x 480 (60/50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)
800 x 600 (60/50 fps)	800 x 600 (60/50 fps)
	720 x 480 (60 fps) / 720 x 576 (50 fps)
	640 x 480 (60/50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)
720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
	640 x 480 (60/50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)
640 x 480 (60/50 fps)	640 x 480 (60/50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)
352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)

Single Stream- Back End Correction

MJPEG only supports for 1080P or under.

H.264 / MJPEG
4000 x 3000 (20 fps)
3840 x 2160 (24 fps)
3200 x 1800 (30/25 fps)
1920 x 1080 (60/50 fps)
1280 x 1024 (60/50 fps)
1280 x 720 (60/50 fps)
1024 x 768 (60/50 fps)
800 x 600 (60/50 fps)
720 x 480 (60 fps) / 720 x 576 (50 fps)
640 x 480 (60/50 fps)
352 x 240 (60 fps) / 352 x 288 (50 fps)

6M Fisheye IP Camera

Note: Fisheye IP camera does not support BNC function.

Dual Streams- Front End Correction

MJPEG only supports for 1080P or under.

(*) Only available for H.264.

H.264 + H.264 / MJPEG	
H.264-1	H.264-2
2048 x 2048 (15 fps)	2048 x 1536 (15 fps)*
	1920 x 1080 (15 fps)
	1600 x 1200 (15 fps)
	960 x 960 (15 fps)
	960 x 720 (15 fps)
1408 x 1408 (20 fps)	960 x 544 (15 fps)
	2688 x 1520 (20 fps)*
1408 x 1408 (30/25 fps)	2048 x 1536 (20 fps)*
	1920 x 1080 (30/25 fps)
	1600 x 1200 (30/25 fps)
	960 x 960 (30/25 fps)
	960 x 720 (30/25 fps)
960 x 960 (20 fps)	960 x 544 (30/25 fps)
	2688 x 1520 (20 fps)*
960 x 960 (30/25 fps)	2048 x 1536 (30/25 fps)*
	1920 x 1080 (30/25 fps)
	1600 x 1200 (30/25 fps)
	960 x 960 (30/25 fps)
	960 x 720 (30/25 fps)
	960 x 544 (30/25 fps)

Single Stream- Front End Correction

MJPEG only supports for 1080P and under.

H.264 / MJPEG
2048 x 2048 (30/25 fps)
2048 x 1536 (30/25 fps)
1920 x 1080 (30/25 fps)
1600 x 1200 (30/25 fps)
960 x 960 (30/25 fps)
960 x 720 (30/25 fps)
960 x 544 (30/25 fps)

Quad Streams- Back End Correction

MJPEG only supports for 1080P or under.

H.264 + H.264 + H.264 + H.264 / MJPEG				
H.264-1	H.264-2	H.264-3	H.264-4	
1920 x 1080 (60/50 fps)	1280 x1024 (30/25 fps)	1280 x720 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640 x 480 (30/25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
		1024x768 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640x480 (30/25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
		800x600 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640x480 (30/25 fps)	
			720 x 480 (30 fps) / 720 x 576 (25 fps)	
		1280 x 1024 (60/50 fps)	800x600 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
				640x480 (30/25 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)			
	1280 x 720 (60/50 fps)	1280 x 720 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640 x 480(30/25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
		1024 x 768 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640 x 480 (30/25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
		800 x 600 (60/50 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640 x 480 (30/25 fps)	
			352x240 (60 fps) / 352 x 288 (50 fps)	
		720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	
			640 x 480 (60/50 fps)	
			352x240 (60 fps) / 352 x 288 (50 fps)	
	640 x 480 (60/50 fps)			
	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)		
		352x240 (60 fps) / 352 x 288 (50 fps)		
		352x240 (60 fps) / 352 x 288 (50 fps)		
		640 x 480 (60/50 fps)		
	1024 x 768 (60 fps)	1024x768 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640x480 (30/25 fps)	
1024x768 (60/50 fps)		352x240 (30fps)		
800x600 (60/50 fps)		720 x 480 (60 fps) / 720 x 576 (50 fps)		
		640 x 480 (60/50 fps)		
720 x 480 (60 fps) / 720 x 576 (50 fps)		352 x 240 (60 fps) / 352 x 288 (50 fps)		
720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)			

H.264 + H.264 + H.264 + H.264 / MJPEG				
H.264-1	H.264-2	H.264-3	H.264-4	
H.264 + H.264 + H.264 + H.264 / MJPEG				
H.264-1	H.264-2	H.264-3	H.264-4	
1920 x 1080 (60/50 fps)	1024 x 768 (60 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	640 x 480 (60/50 fps)	
			352 x 240 (60 fps) / 352 x 288 (50 fps)	
		640 x 480 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	640 x 480 (60/50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)			
	800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
				640 x 480 (60/50 fps)
			720 x 480 (60 fps) / 720 x 576 (50 fps)	640 x 480 (60/50 fps)
		720 x 480 (60 fps) / 720 x 576 (50 fps)		
		640 x 480 (60/50 fps)		
		720 x 480 (60 fps) / 720 x 576 (50 fps)	640 x 480 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)			
	352 x 240 (60 fps) / 352 x 288 (50 fps)			
	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)
				352 x 240 (60 fps) / 352 x 288 (50 fps)
	1920 x 1080 (60/50 fps)	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	320 x 240 (60/50 fps)
				352 x 240 (60 fps) / 352 x 288 (50 fps)
352 x 240 (60 fps) / 352 x 288 (50 fps)		352 x 240 (60 fps) / 352 x 288 (50 fps)		
1280 x 1024 (60/50 fps)	1280 x 1024 (60/50 fps)	1280 x 720 (60/50 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640 x 480 (30/25 fps)	
			352 x 240 (60 fps) / 352 x 288 (50 fps)	
		1024 x 768 (60/50 fps)	640 x 480 (60/50 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
				352 x 240 (60 fps) / 352 x 288 (50 fps)
				720 x 480 (60 fps) / 720 x 576 (50 fps)
	800 x 600 (60/50 fps)	640 x 480 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	
			720 x 480 (60 fps) / 720 x 576 (50 fps)	
			640 x 480 (60/50 fps)	
	720 x 480 (60 fps) / 720 x 576 (50 fps)	640 x 480 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
				640 x 480 (60/50 fps)
				640 x 480 (60/50 fps)
640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	
			352 x 240 (60 fps) / 352 x 288 (50 fps)	

H.264 + H.264 + H.264 + H.264 / MJPEG				
H.264-1	H.264-2	H.264-3	H.264-4	
		352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	
1280 x 720 (60/50 fps)	1280 x 720 (60/50 fps)	1280 x 720 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	
			640 x 480 (60/50 fps)	
			352 x 240 (60 fps) / 352 x 288 (50 fps)	
		1024 x 768 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	
			640 x 480 (60/50 fps)	
			352 x 240 (60 fps) / 352 x 288 (50 fps)	
		800 x 600 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	
			640 x 480 (60/50 fps)	
			352 x 240 (60 fps) / 352 x 288 (50 fps)	
		720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	
640 x 480 (60/50 fps)				
352 x 240 (60 fps) / 352 x 288 (50 fps)				
640 x 480 (60/50 fps)	640 x 480 (60/50 fps)			
1280 x 720 (60/50 fps)	1280 x 720 (60/50 fps)	640 x 480 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	
		352 x 240 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	
	1024 x 768 (60/50 fps)	1024 x 768 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
			640 x 480 (60/50 fps)	640 x 480 (60/50 fps)
		800 x 600 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
			640 x 480 (60/50 fps)	640 x 480 (60/50 fps)
			352 x 240 (60/50 fps)	352 x 240 (60/50 fps)
		720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
			640 x 480 (60/50 fps)	640 x 480 (60/50 fps)
			352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)		
	800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
			640 x 480 (60/50 fps)	640 x 480 (60/50 fps)
		720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
			640 x 480 (60/50 fps)	640 x 480 (60/50 fps)
			352 x 240 (60/50 fps)	352 x 240 (60/50 fps)
		640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)
			352 x 240 (60/50 fps)	352 x 240 (60/50 fps)
			352 x 288 (50/50 fps)	352 x 288 (50/50 fps)
	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
640 x 480 (60/50 fps)			640 x 480 (60/50 fps)	
352 x 240 (60/50 fps) / 352 x 288 (50/50 fps)			352 x 240 (60/50 fps) / 352 x 288 (50/50 fps)	
640 x 480 (60/50 fps)			640 x 480 (60/50 fps)	

H.264 + H.264 + H.264 + H.264 / MJPEG					
H.264-1	H.264-2	H.264-3	H.264-4		
	720 x 480 (60 fps) / 720 x 576 (50 fps)	640 x 480 (60/50 fps)	640 x 480 (60/50 fps) 352 x 240 (60/50 fps)		
H.264 + H.264 + H.264 + H.264 / MJPEG					
H.264-1	H.264-2	H.264-3	H.264-4		
1280 x 720 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)		
	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)		
			352 x 240 (60 fps) / 352 x 288 (50 fps)		
	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)		
1024 x 768 (60/50 fps)	1024 x 768 (60/50 fps)	1024 x 768 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)		
			640 x 480 (60/50 fps)		
		800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	
				720 x 480 (60 fps) / 720 x 576 (50 fps)	
			720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	640 x 480 (60/50 fps)
					352 x 240 (60 fps) / 352 x 288 (50 fps)
	1024 x 768 (60/50 fps)	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)		
			352 x 240 (60 fps) / 352 x 288 (50 fps)		
	800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	
				640 x 480 (60/50 fps)	
				352 x 240 (60 fps) / 352 x 288 (50 fps)	
		720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	640 x 480 (60/50 fps)
					352 x 240 (60 fps) / 352 x 288 (50 fps)
					640 x 480 (60/50 fps)
		640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
					352 x 240 (60 fps) / 352 x 288 (50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)		352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	640 x 480 (60/50 fps)
					352 x 240 (60 fps) / 352 x 288 (50 fps)
					352 x 240 (60 fps) / 352 x 288 (50 fps)
	800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	720 x 480 (60 fps) /	

H.264 + H.264 + H.264 + H.264 / MJPEG				
H.264-1	H.264-2	H.264-3	H.264-4	
			720 x 576 (50 fps)	
			640 x 480 (60/50 fps)	
			352 x 240 (60 fps) / 352 x 288 (50 fps)	
H.264 + H.264 + H.264 + H.264 / MJPEG				
H.264-1	H.264-2	H.264-3	H.264-4	
800 x 600 (60/50 fps)	800 x 600 (60/50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	
			640 x 480 (60/50 fps)	
		640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	
			352 x 240 (60 fps) / 352 x 288 (50 fps)	
		720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60/50 fps)
				640 x 480 (60/50 fps)
	640 x 480 (60/50 fps)		640 x 480 (60/50 fps)	
			352 x 240 (60 fps) / 352 x 288 (50 fps)	
	640 x 480 (60/50 fps)		640 x 480 (60/50 fps)	
			352 x 240 (60 fps) / 352 x 288 (50 fps)	
	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
				640 x 480 (60/50 fps)
640 x 480 (60/50 fps)			640 x 480 (60/50 fps)	
			352 x 240 (60 fps) / 352 x 288 (50 fps)	
640 x 480 (60/50 fps)			640 x 480 (60/50 fps)	
			352 x 240 (60 fps) / 352 x 288 (50 fps)	
640 x 480 (60/50 fps)		640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	
			352 x 240 (60 fps) / 352 x 288 (50 fps)	
		352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)	
			352 x 240 (60 fps) / 352 x 288 (50 fps)	
		640 x 480 (60/50 fps)	640 x 480 (60/50 fps)	640 x 480 (60/50 fps)
				352 x 240 (60 fps) / 352 x 288 (50 fps)
352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)			
	352 x 240 (60 fps) / 352 x 288 (50 fps)			
352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)		352 x 240 (60 fps) / 352 x 288 (50 fps)	
			352 x 240 (60 fps) / 352 x 288 (50 fps)	
	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)		
		352 x 240 (60 fps) / 352 x 288 (50 fps)		

Triple Streams- Back End Correction

MJPEG only supports for 1080P or under.

H.264 + H.264 + H.264 / MJPEG						
H.264-1	H.264-2	H.264-3				
1920 x 1080 (60/50 fps)	1280 x 1024 (30/25 fps)	1280 x 720 (30/25 fps) 1024 x 768 (30/25 fps)				
	1280 x 1024 (60/50 fps)	1280 x 720 (60/- fps) 1024 x 768 (60/- fps) 800 x 600 (60/25 fps) 720 x 480 (60 fps) / 720 x 576 (25 fps) 640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)				
		1280 x 720 (60/50 fps)	1280 x 720 (60/25 fps) 1024 x 768 (60/25 fps) 800 x 600 (60/50 fps) 720 x 480 (60 fps) / 720 x 576 (50 fps) 640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)			
			1024 x 768 (60/50 fps)	1024 x 768 (60/50 fps) 800 x 600 (60/50 fps) 720 x 480 (60 fps) / 720 x 576 (50 fps) 640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)		
				800 x 600 (60/50 fps)	800 x 600 (60/50 fps) 720 x 480 (60 fps) / 720 x 576 (50 fps) 640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)	
					720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps) 640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)
	640 x 480 (60/50 fps)					640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)				
	1280 x 1024 (60/50 fps)	1280 x 1024 (60/50 fps)	1280 x 720 (60/50 fps) 1024 x 768 (60/50 fps) 800 x 600 (60/50 fps) 720 x 480 (60 fps) / 720 x 576 (50 fps) 640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)			
			1280 x 720 (60/50 fps)	1280 x 720 (60/50 fps) 1024 x 768 (60/50 fps) 800 x 600 (60/50 fps) 720 x 480 (60 fps) / 720 x 576 (50 fps) 640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)		
				1024 x 768 (60/50 fps)	1024 x 768 (60/50 fps) 800 x 600 (60/50 fps) 720 x 480 (60 fps) / 720 x 576 (50 fps) 640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)	
					800 x 600 (60/50 fps)	800 x 600 (60/50 fps) 720 x 480 (60 fps) / 720 x 576 (50 fps) 640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)
						720 x 480 (60 fps) / 720 x 576 (50 fps)
		640 x 480 (60/50 fps)	640 x 480 (60/50 fps) 352 x 240 (60 fps) / 352 x 288 (50 fps)			
		352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)			
		1280 x 720 (60/50 fps)	1280 x 720 (60/50 fps)	1280 x 720 (60/50 fps)		

Dual Streams- Back End Correction

MJPEG only supports for 1080P or under.

H.264 + H.264 / MJPEG	
H.264-1	H.264-2
3072 x 2048 (30/25 fps)	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
1920 x 1080 (60/50 fps)	1920 x 1080 (25 fps)*
	1280 x 1024 (30/25 fps)
	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (60/50 fps)
1280 x 1024 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
	1280 x 1024 (60/50 fps)
	1280 x 720 (60/50 fps)
	1024 x 768 (60/50 fps)
	800 x 600 (60/50 fps)
	720 x 480 (60 fps) / 720 x 576 (50 fps)
	640 x 480 (60/50 fps)
1280 x 720 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
	1280 x 720 (60/50 fps)
	1024 x 768 (60/50 fps)
	800 x 600 (60/50 fps)
	720 x 480 (60 fps) / 720 x 576 (50 fps)
1280 x 720 (60/50 fps)	640 x 480 (60/50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)
	1024 x 768 (60/50 fps)
	800 x 600 (60/50 fps)
	720 x 480 (60 fps) / 720 x 576 (50 fps)
1024 x 768 (60/50 fps)	640 x 480 (60/50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)
	800 x 600 (60/50 fps)
	720 x 480 (60 fps) / 720 x 576 (50 fps)
	640 x 480 (60/50 fps)
800 x 600 (60/50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)
	800 x 600 (60/50 fps)
	720 x 480 (60 fps) / 720 x 576 (50 fps)
	640 x 480 (60/50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)
720 x 480 (60 fps) / 720 x 576 (50 fps)	720 x 480 (60 fps) / 720 x 576 (50 fps)
	640 x 480 (60/50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)
640 x 480 (60/50 fps)	640 x 480 (60/50 fps)
	352 x 240 (60 fps) / 352 x 288 (50 fps)
352 x 240 (60 fps) / 352 x 288 (50 fps)	352 x 240 (60 fps) / 352 x 288 (50 fps)

Single Stream- Back End Correction

MJPEG only supports for 1080P or under.

H.264 / MJPEG
3072 x 2048 (30/25 fps)
1920 x 1080 (60/50 fps)
1280 x 1024 (60/50 fps)
1280 x 720 (60/50 fps)
1024 x 768 (60/50 fps)
800 x 600 (60/50 fps)
720 x 480 (60 fps) / 720 x 576 (50 fps)
640 x 480 (60/50 fps)
352 x 240 (60 fps) / 352 x 288 (50 fps)

5M Fisheye IP Camera Video Resolution

Note: Fisheye IP camera does not support BNC function.

Dual Streams- Front End Correction

(*) Only available for H.264; MJPEG only supports for 1080P or under.

H.264 + H.264 / MJPEG	
H.264-1	H.264-2
2048 x 2048 (14 fps)	2688 x 1520 (14 fps)*
	2048 x 1536 (14 fps)*
	1920 x 1080 (14 fps)
	1600 x 1200 (14 fps)
	960 x 960 (14 fps)
	960 x 720 (14 fps)
	960 x 544 (14 fps)
1408 x 1408 (14 fps)	2688 x 1520 (14 fps)*
	2048 x 1536 (14 fps)*
	1920 x 1080 (14 fps)
	1600 x 1200 (14 fps)
	960 x 960 (14 fps)
	960 x 720 (14 fps)
	960 x 544 (14 fps)
960 x 960 (14 fps)	2688 x 1520 (14 fps)*
	2048 x 1536 (14 fps)*
	1920 x 1080 (14 fps)
	1600 x 1200 (14 fps)
	960 x 960 (14 fps)
	960 x 720 (14 fps)
	960 x 544 (14 fps)

Single Stream- Front End Correction

(*) Only available for H.264; MJPEG only supports for 1080P or under.

H.264 / MJPEG
2048 x 2048 (14 fps)*
2048 x 1536 (14 fps)*
1920 x 1080 (14 fps)
1600 x 1200 (14 fps)
960 x 960 (14 fps)
960 x 720 (14 fps)
960 x 544 (14 fps)

Quad Streams- Back End Correction

MJPEG only supports for 1080P and under.

H.264 + H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	H.264-4
2592 x 1944 (14 fps)	1920 x 1080 (14 fps)	1280 x 720 (14 fps)	720 x 480 (14 fps) / 720 x 576 (14 fps)
			640 x 480 (14 fps)
			352 x 240 (14 fps) / 352 x 288 (14 fps)
		1024 x 768 (14 fps)	720 x 480 (14 fps) / 720 x 576 (14 fps)
			640 x 480 (14 fps)
			352 x 240 (14 fps) / 352 x 288 (14 fps)
		800 x 600 (14 fps)	720 x 480 (14 fps) / 720 x 576 (14 fps)
			640 x 480 (14 fps)
			352 x 240 (14 fps) / 352 x 288 (14 fps)
		720 x 480 (14 fps) / 720 x 576 (14 fps)	720 x 480 (14 fps) / 720 x 576 (14 fps)
			640 x 480 (14 fps)
			352 x 240 (14 fps) / 352 x 288 (14 fps)
	640 x 480 (14 fps)	640 x 480 (14 fps)	
		352 x 240 (14 fps) / 352 x 288 (14 fps)	
		352 x 240 (14 fps) / 352 x 288 (14 fps)	
	1280 x 1024 (14 fps)	1280 x 720 (14 fps)	720 x 480 (14 fps) / 720 x 576 (14 fps)
			640 x 480 (14 fps)
			352 x 240 (14 fps) / 352 x 288 (14 fps)
		1024 x 768 (14 fps)	720 x 480 (14 fps) / 720 x 576 (14 fps)
			640 x 480 (14 fps)
			352 x 240 (14 fps) / 352 x 288 (14 fps)
		800 x 600 (14 fps)	720 x 480 (14 fps) / 720 x 576 (14 fps)
			640 x 480 (14 fps)
			352 x 240 (14 fps) / 352 x 288 (14 fps)
		720 x 480 (14 fps) / 720 x 576 (14 fps)	720 x 480 (14 fps) / 720 x 576 (14 fps)
			640 x 480 (14 fps)
			352 x 240 (14 fps) / 352 x 288 (14 fps)
	640 x 480 (14 fps)	640 x 480 (14 fps)	
352 x 240 (14 fps)			
352 x 240 (14 fps)			
1280 x 1024 (14 fps)	352 x 240 (14 fps) / 352 x 288 (14 fps)	352 x 240 (14 fps) / 352 x 288 (14 fps)	
1280 x 720 (14 fps)	1280 x 720 (14 fps)	720 x 480 (14 fps) / 720 x 576 (14 fps)	
		640 x 480 (14 fps)	
		352 x 240 (14 fps) / 352 x 288 (14 fps)	
	1024 x 768 (14 fps)	720 x 480 (14 fps) / 720 x 576 (14 fps)	
		640 x 480 (14 fps)	
		352 x 240 (14 fps) / 352 x 288 (14 fps)	
800 x 600 (14 fps)	720 x 480 (14 fps) / 720 x 576 (14 fps)		

H.264 + H.264 + H.264 + H.264 / MJPEG					
H.264-1	H.264-2	H.264-3	H.264-4		
H.264 + H.264 + H.264 + H.264 / MJPEG					
H.264-1	H.264-2	H.264-3	H.264-4		
2592 x 1944 (14 fps)	1280 x 720 (14 fps)	800 x 600 (14 fps)	640 x 480 (14 fps)		
			352 x 240 (14 fps) / 352 x 288 (14 fps)		
		720 x 480 (14 fps) / 720 x 576 (14 fps)	720 x 480 (14 fps) / 720 x 576 (14 fps)		
			640 x 480 (14 fps)		
			352 x 240 (14 fps) / 352 x 288 (14 fps)		
	640 x 480 (14 fps)	640 x 480 (14 fps)			
	352 x 240 (14 fps) / 352 x 288 (14 fps)	352 x 240 (14 fps) / 352 x 288 (14 fps)			
	1024 x 768 (14 fps)	1024 x 768 (14 fps)	1024 x 768 (14 fps)	720 x 480 (14 fps) / 720 x 576 (14 fps)	
				640 x 480 (14 fps)	
		800 x 600 (14 fps)	800 x 600 (14 fps)	720 x 480 (14 fps) / 720 x 576 (14 fps)	
				640 x 480 (14 fps)	
				352 x 240 (14 fps) / 352 x 288 (14 fps)	
		720 x 480 (14 fps) / 720 x 576 (14 fps)	720 x 480 (14 fps) / 720 x 576 (14 fps)	720 x 480 (14 fps) / 720 x 576 (14 fps)	640 x 480 (14 fps)
					352 x 240 (14 fps) / 352 x 288 (14 fps)
					640 x 480 (14 fps)
					352 x 240 (14 fps) / 352 x 288 (14 fps)
640 x 480 (14 fps)					
352 x 240 (14 fps) / 352 x 288 (14 fps)	352 x 240 (14 fps) / 352 x 288 (14 fps)				
800 x 600 (14 fps)	800 x 600 (14 fps)	800 x 600 (14 fps)	720 x 480 (14 fps) / 720 x 576 (14 fps)		
			640 x 480 (14 fps)		
			352 x 240 (14 fps) / 352 x 288 (14 fps)		
			640 x 480 (14 fps)		
2592 x 1944 (14 fps)	800 x 600 (14 fps)	720 x 480 (14 fps) / 720 x 576 (14 fps)	720 x 480 (14 fps) / 720 x 576 (14 fps)		
			640 x 480 (14 fps)		
			352 x 240 (14 fps) / 352 x 288 (14 fps)		
			640 x 480 (14 fps)		
	640 x 480 (14 fps)	720 x 480 (14 fps) / 720 x 576 (14 fps)	720 x 480 (14 fps) / 720 x 576 (14 fps)	352 x 240 (14 fps) / 352 x 288 (14 fps)	
				640 x 480 (14 fps)	
				352 x 240 (14 fps) / 352 x 288 (14 fps)	
				640 x 480 (14 fps)	
	352 x 240 (14 fps) / 352 x 288 (14 fps)	720 x 480 (14 fps) / 720 x 576 (14 fps)	720 x 480 (14 fps) / 720 x 576 (14 fps)	352 x 240 (14 fps) / 352 x 288 (14 fps)	
				640 x 480 (14 fps)	
				352 x 240 (14 fps) / 352 x 288 (14 fps)	
				640 x 480 (14 fps)	
640 x 480 (14 fps)	640 x 480 (14 fps)	640 x 480 (14 fps)	640 x 480 (14 fps)		
			352 x 240 (14 fps) / 352 x 288 (14 fps)		
			352 x 240 (14 fps) / 352 x 288 (14 fps)		
			352 x 240 (14 fps) / 352 x 288 (14 fps)		
2048 x 1536 (20 fps)	1920 x 1080 (20 fps)	1280 x 720 (20 fps)	720 x 480 (20 fps) / 720 x 576 (20 fps)		
			640 x 480 (20 fps)		
			352 x 240 (20 fps) / 352 x 288 (20 fps)		

H.264 + H.264 + H.264 + H.264 / MJPEG					
H.264-1	H.264-2	H.264-3	H.264-4		
		1024 x 768 (20 fps)	720 x 480 (20 fps) / 720 x 576 (20 fps)		
H.264 + H.264 + H.264 + H.264 / MJPEG					
H.264-1	H.264-2	H.264-3	H.264-4		
2048 x 1536 (20 fps)	1920 x 1080 (20 fps)	1024 x 768 (20 fps)	640 x 480 (20 fps)		
			352 x 240 (20 fps) / 352 x 288 (20 fps)		
		800 x 600 (20 fps)	720 x 480 (20 fps) / 720 x 576 (20 fps)		
			640 x 480 (20 fps)		
			352 x 240 (20 fps) / 352 x 288 (20 fps)		
		720 x 480 (20 fps) / 720 x 576 (20 fps)	720 x 480 (20 fps) / 720 x 576 (20 fps)		
			640 x 480 (20 fps)		
			352 x 240 (20 fps) / 352 x 288 (20 fps)		
		640 x 480 (20 fps)	640 x 480 (20 fps)		
			352 x 240 (20 fps) / 352 x 288 (20 fps)		
		352 x 240 (20 fps) / 352 x 288 (20 fps)	352 x 240 (20 fps) / 352 x 288 (20 fps)		
			352 x 240 (20 fps) / 352 x 288 (20 fps)		
	1280 x 1024 (20 fps)	1280 x 720 (20 fps)	1280 x 720 (20 fps)	720 x 480 (20 fps) / 720 x 576 (20 fps)	
				640 x 480 (20 fps)	
			352 x 240 (20 fps) / 352 x 288 (20 fps)		
			1024 x 768 (20 fps)	720 x 480 (20 fps) / 720 x 576 (20 fps)	
				640 x 480 (20 fps)	
			352 x 240 (20 fps) / 352 x 288 (20 fps)		
		800 x 600 (20 fps)	720 x 480 (20 fps) / 720 x 576 (20 fps)		
			640 x 480 (20 fps)		
			352 x 240 (20 fps) / 352 x 288 (20 fps)		
		720 x 480 (20 fps) / 720 x 576 (20 fps)	720 x 480 (20 fps) / 720 x 576 (20 fps)		
			640 x 480 (20 fps)		
			352 x 240 (20 fps) / 352 x 288 (20 fps)		
		640 x 480 (20 fps)	640 x 480 (20 fps)		
			352 x 240 (20 fps) / 352 x 288 (20 fps)		
		352 x 240 (20 fps) / 352 x 288 (20 fps)	352 x 240 (20 fps) / 352 x 288 (20 fps)		
			352 x 240 (20 fps) / 352 x 288 (20 fps)		
		1280 x 720 (20 fps)	1280 x 720 (20 fps)	1280 x 720 (20 fps)	720 x 480 (20 fps) / 720 x 576 (20 fps)
					640 x 480 (20 fps)
	352 x 240 (20 fps) / 352 x 288 (20 fps)				
	1024 x 768 (20 fps)			720 x 480 (20 fps) / 720 x 576 (20 fps)	
				640 x 480 (20 fps)	
	352 x 240 (20 fps) / 352 x 288 (20 fps)				
	800 x 600 (20 fps)		720 x 480 (20 fps) / 720 x 576 (20 fps)		
			640 x 480 (20 fps)		
352 x 240 (20 fps) / 352 x 288 (20 fps)					
720 x 480 (20 fps) / 720 x 576 (20 fps)	720 x 480 (20 fps) / 720 x 576 (20 fps)				
	640 x 480 (20 fps)				
	352 x 240 (20 fps) /				

H.264 + H.264 + H.264 + H.264 / MJPEG				
H.264-1	H.264-2	H.264-3	H.264-4	
			352 x 288 (20 fps)	
		640 x 480 (20 fps)	640 x 480 (20 fps)	
			352 x 240 (20 fps) / 352 x 288 (20 fps)	
H.264 + H.264 + H.264 + H.264 / MJPEG				
H.264-1	H.264-2	H.264-3	H.264-4	
2048 x 1536 (20 fps)	1280 x 720 (20 fps)	352 x 240 (20 fps) / 352 x 288 (20 fps)	352 x 240 (20 fps) / 352 x 288 (20 fps)	
	1024 x 768 (20 fps)	1024 x 768 (20 fps)	720 x 480 (20 fps) / 720 x 576 (20 fps)	
			640 x 480 (20 fps)	
		800 x 600 (20 fps)	800 x 600 (20 fps)	352 x 240 (20 fps) / 352 x 288 (20 fps)
				720 x 480 (20 fps) / 720 x 576 (20 fps)
		720 x 480 (20 fps) / 720 x 576 (20 fps)	720 x 480 (20 fps) / 720 x 576 (20 fps)	640 x 480 (20 fps)
				352 x 240 (20 fps) / 352 x 288 (20 fps)
				640 x 480 (20 fps)
				352 x 240 (20 fps) / 352 x 288 (20 fps)
		640 x 480 (20 fps)	640 x 480 (20 fps)	352 x 240 (20 fps) / 352 x 288 (20 fps)
				352 x 240 (20 fps) / 352 x 288 (20 fps)
	800 x 600 (20 fps)	800 x 600 (20 fps)	352 x 240 (20 fps) / 352 x 288 (20 fps)	
			720 x 480 (20 fps) / 720 x 576 (20 fps)	
		720 x 480 (20 fps) / 720 x 576 (20 fps)	720 x 480 (20 fps) / 720 x 576 (20 fps)	640 x 480 (20 fps)
				352 x 240 (20 fps) / 352 x 288 (20 fps)
		640 x 480 (20 fps)	640 x 480 (20 fps)	640 x 480 (20 fps)
				352 x 240 (20 fps) / 352 x 288 (20 fps)
		352 x 240 (20 fps) / 352 x 288 (20 fps)	352 x 240 (20 fps) / 352 x 288 (20 fps)	352 x 240 (20 fps) / 352 x 288 (20 fps)
				352 x 240 (20 fps) / 352 x 288 (20 fps)
		720 x 480 (20 fps) / 720 x 576 (20 fps)	720 x 480 (20 fps) / 720 x 576 (20 fps)	720 x 480 (20 fps) / 720 x 576 (20 fps)
				640 x 480 (20 fps)
	640 x 480 (20 fps)		640 x 480 (20 fps)	352 x 240 (20 fps) / 352 x 288 (20 fps)
				640 x 480 (20 fps)
	352 x 240 (20 fps) / 352 x 288 (20 fps)		352 x 240 (20 fps) / 352 x 288 (20 fps)	352 x 240 (20 fps) / 352 x 288 (20 fps)
				352 x 240 (20 fps) / 352 x 288 (20 fps)
	640 x 480 (20 fps)		640 x 480 (20 fps)	640 x 480 (20 fps)
				352 x 240 (20 fps) / 352 x 288 (20 fps)
				352 x 240 (20 fps) / 352 x 288 (20 fps)
	352 x 240 (20 fps) / 352 x 288 (20 fps)		352 x 240 (20 fps) / 352 x 288 (20 fps)	352 x 240 (20 fps) / 352 x 288 (20 fps)
		352 x 240 (20 fps) / 352 x 288 (20 fps)		
1920 x 1080 (30/25 fps)	1920 x 1080 (30/25 fps)	1280 x 720 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640 x 480 (30/25 fps)	
		1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
				720 x 480 (30 fps) /

H.264 + H.264 + H.264 + H.264 / MJPEG				
H.264-1	H.264-2	H.264-3	H.264-4	
			720 x 576 (25 fps)	
			640 x 480 (30/25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
		800 x 600 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
H.264 + H.264 + H.264 + H.264 / MJPEG				
H.264-1	H.264-2	H.264-3	H.264-4	
1920 x 1080 (30/25 fps)	1920 x 1080 (30/25 fps)	800 x 600 (30/25 fps)	640 x 480 (30/25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
		720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640 x 480 (30/25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
			640 x 480 (30/25 fps)	
		640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	
	1280 x 1024 (30/25 fps)	1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
				640 x 480 (30/25 fps)
				352 x 240 (30 fps) / 352 x 288 (25 fps)
				720 x 480 (30 fps) / 720 x 576 (25 fps)
				640 x 480 (30/25 fps)
				352 x 240 (30 fps) / 352 x 288 (25 fps)
			1024 x 768 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
				640 x 480 (30/25 fps)
				352 x 240 (30 fps) / 352 x 288 (25 fps)
			800 x 600 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
				640 x 480 (30/25 fps)
				352 x 240 (30 fps) / 352 x 288 (25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640 x 480 (30/25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
		640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)		
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)		
1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640 x 480 (30/25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
			720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640 x 480 (30/25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
		1024 x 768 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640 x 480 (30/25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
		800 x 600 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640 x 480 (30/25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)		
		640 x 480 (30/25 fps)		
		352 x 240 (30 fps) / 352 x 288 (25 fps)		

H.264 + H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	H.264-4
			640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps) 352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	
		352 x 240 (30 fps) / 352 x 288 (25 fps)	

H.264 + H.264 + H.264 + H.264 / MJPEG					
H.264-1	H.264-2	H.264-3	H.264-4		
1280 x 1024 (30/25 fps)	800 x 600 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)		
	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)		
			640 x 480 (30/25 fps) 352 x 240 (30 fps) / 352 x 288 (25 fps)		
		640 x 480 (30/25 fps)	640 x 480 (30/25 fps)		
			352 x 240 (30 fps) / 352 x 288 (25 fps)		
	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)			
		352 x 240 (30 fps) / 352 x 288 (25 fps)			
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)			
	1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
				640 x 480 (30/25 fps) 352 x 240 (30 fps) / 352 x 288 (25 fps)	
			1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
					640 x 480 (30/25 fps) 352 x 240 (30 fps) / 352 x 288 (25 fps)
800 x 600 (30/25 fps)			800 x 600 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
				640 x 480 (30/25 fps) 352 x 240 (30 fps) / 352 x 288 (25 fps)	
720 x 480 (30 fps) / 720 x 576 (25 fps)			720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
				640 x 480 (30/25 fps) 352 x 240 (30 fps) / 352 x 288 (25 fps)	
640 x 480 (30/25 fps)		640 x 480 (30/25 fps)	640 x 480 (30/25 fps)		
			352 x 240 (30 fps) / 352 x 288 (25 fps)		
352 x 240 (30 fps) / 352 x 288 (25 fps)		352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)		
			352 x 288 (25 fps)		
1024 x 768 (30/25 fps)		1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
				640 x 480 (30/25 fps) 352 x 240 (30 fps) / 352 x 288 (25 fps)	
		800 x 600 (30/25 fps)	800 x 600 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
				640 x 480 (30/25 fps)	

H.264 + H.264 + H.264 + H.264 / MJPEG					
H.264-1	H.264-2	H.264-3	H.264-4		
		720 x 480 (30 fps) / 720 x 576 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)		
			720 x 480 (30 fps) / 720 x 576 (25 fps)		
			640 x 480 (30/25 fps)		
		640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	640 x 480 (30/25 fps)	
				352 x 240 (30 fps) / 352 x 288 (25 fps)	
		800 x 600 (30/25 fps)	800 x 600 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
H.264 + H.264 + H.264 + H.264 / MJPEG					
H.264-1	H.264-2	H.264-3	H.264-4		
1280 x 720 (30/25 fps)	800 x 600 (30/25 fps)	800 x 600 (30/25 fps)	640 x 480 (30/25 fps)		
			352 x 240 (30 fps) / 352 x 288 (25 fps)		
		720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
				640 x 480 (30/25 fps)	
	640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	640 x 480 (30/25 fps)		
			352 x 240 (30 fps) / 352 x 288 (25 fps)		
	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
				640 x 480 (30/25 fps)	
		640 x 480 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	640 x 480 (30/25 fps)
					352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	
				352 x 240 (30 fps) / 352 x 288 (25 fps)	
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)		
	1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
640 x 480 (30/25 fps)					
352 x 240 (30 fps) / 352 x 288 (25 fps)					
800 x 600 (30/25 fps)		800 x 600 (30/25 fps)	800 x 600 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
				640 x 480 (30/25 fps)	
		1024 x 768 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
					640 x 480 (30/25 fps)
640 x 480 (30/25 fps)		640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	
				352 x 240 (30 fps) / 352 x 288 (25 fps)	
				352 x 240 (30 fps) / 352 x 288 (25 fps)	
352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)			

H.264 + H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	H.264-4
	800 x 600 (30/25 fps)	800 x 600 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
		640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)

H.264 + H.264 + H.264 + H.264 / MJPEG				
H.264-1	H.264-2	H.264-3	H.264-4	
1024 x 768 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	
			640 x 480 (30/25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
		640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)		
	800 x 600 (30/25 fps)	800 x 600 (30/25 fps)	800 x 600 (30/25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
				640 x 480 (30/25 fps)
				352 x 240 (30 fps) / 352 x 288 (25 fps)
			720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
				640 x 480 (30/25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)				
640 x 480 (30/25 fps)		640 x 480 (30/25 fps)		
		352 x 240 (30 fps) / 352 x 288 (25 fps)		
		352 x 240 (30 fps) / 352 x 288 (25 fps)		
720 x 480 (30 fps) / 720 x 576 (25 fps)		720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
				640 x 480 (30/25 fps)
				352 x 240 (30 fps) / 352 x 288 (25 fps)
		640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
			352 x 240 (30 fps) / 352 x 288 (25 fps)	
640 x 480 (30/25 fps)		640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
				352 x 240 (30 fps) / 352 x 288 (25 fps)
				352 x 240 (30 fps) / 352 x 288 (25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)		
		352 x 240 (30 fps) / 352 x 288 (25 fps)		
		352 x 240 (30 fps) / 352 x 288 (25 fps)		

H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	H.264-4
	352 x 288 (25 fps)	352 x 288 (25 fps)	352 x 288 (25 fps)
720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
			640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)	640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
			352 x 240 (30 fps) / 352 x 288 (25 fps)

Triple Streams- Back End Correction

MJPEG only supports for 1080P and under.

H.264 + H.264 + H.264 / MJPEG			
H.264-1	H.264-2	H.264-3	
2592 x 1944 (14 fps)	1920 x 1080 (14 fps)	1280 x 720 (14 fps)	
		1024 x 768 (14 fps)	
		800 x 600 (14 fps)	
		720 x 480 (14 fps) / 720 x 576 (14 fps)	
		640 x 480 (14 fps)	
		352 x 240 (14 fps) / 352 x 288 (14 fps)	
	1280 x 1024 (14 fps)	1280 x 1024 (14 fps)	1280 x 720 (14 fps)
			1024 x 768 (14 fps)
			800 x 600 (14 fps)
			720 x 480 (14 fps) / 720 x 576 (14 fps)
			640 x 480 (14 fps)
			352 x 240 (14 fps) / 352 x 288 (14 fps)
	1280 x 720 (14 fps)	1280 x 720 (14 fps)	1280 x 720 (14 fps)
			1024 x 768 (14 fps)
			800 x 600 (14 fps)
			720 x 480 (14 fps) / 720 x 576 (14 fps)
			640 x 480 (14 fps)
			352 x 240 (14 fps) / 352 x 288 (14 fps)
	1024 x 768 (14 fps)	1024 x 768 (14 fps)	1024 x 768 (14 fps)
			800 x 600 (14 fps)
			720 x 480 (14 fps) / 720 x 576 (14 fps)
			640 x 480 (14 fps)
			352 x 240 (14 fps) / 352 x 288 (14 fps)
			800 x 600 (14 fps)
800 x 600 (14 fps)	800 x 600 (14 fps)	720 x 480 (14 fps) / 720 x 576 (14 fps)	
		640 x 480 (14 fps)	
		352 x 240 (14 fps) / 352 x 288 (14 fps)	
		720 x 480 (14 fps) / 720 x 576 (14 fps)	
	720 x 480 (14 fps) / 720 x 576 (14 fps)	720 x 480 (14 fps) / 720 x 576 (14 fps)	

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
		640 x 480 (14 fps)
		352 x 240 (14 fps) / 352 x 288 (14 fps)
	640 x 480 (14 fps)	640 x 480 (14 fps)
	352 x 240 (14 fps) / 352 x 288 (14 fps)	352 x 240 (14 fps) / 352 x 288 (14 fps)
2048 x 1536 (20 fps)	1920 x 1080 (20 fps)	1280 x 720 (20 fps)
		1024 x 768 (20 fps)
		800 x 600 (20 fps)
		720 x 480 (14 fps) / 720 x 576 (14 fps)
		640 x 480 (14 fps)
		352 x 240 (14 fps) / 352 x 288 (14 fps)
	1280 x 1024 (20 fps)	1280 x 720 (20 fps)
		1024 x 768 (20 fps)
		800 x 600 (20 fps)
		720 x 480 (14 fps) / 720 x 576 (14 fps)
		640 x 480 (14 fps)
		352 x 240 (14 fps) / 352 x 288 (14 fps)

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
2048 x 1536 (20 fps)	1280 x 720 (20 fps)	1280 x 720 (20 fps)
		1024 x 768 (20 fps)
		800 x 600 (20 fps)
		720 x 480 (14 fps) / 720 x 576 (14 fps)
		640 x 480 (14 fps)
		352 x 240 (14 fps) / 352 x 288 (14 fps)
	1024 x 768 (20 fps)	1024 x 768 (20 fps)
		800 x 600 (20 fps)
		720 x 480 (14 fps) / 720 x 576 (14 fps)
		640 x 480 (14 fps)
		352 x 240 (14 fps) / 352 x 288 (14 fps)
		800 x 600 (20 fps)
	800 x 600 (20 fps)	720 x 480 (14 fps) / 720 x 576 (14 fps)
		640 x 480 (14 fps)
		352 x 240 (14 fps) / 352 x 288 (14 fps)
	720 x 480 (20 fps)	720 x 480 (14 fps) / 720 x 576 (14 fps)
		640 x 480 (14 fps)
		352 x 240 (14 fps) / 352 x 288 (14 fps)
640 x 480 (20 fps)	640 x 480 (20 fps)	
	352 x 240 (14 fps) / 352 x 288 (14 fps)	
352 x 240 (14 fps) / 352 x 288 (14 fps)	352 x 240 (14 fps) / 352 x 288 (14 fps)	
1920 x 1080 (30/25 fps)	1920 x 1080 (30/25 fps)	1280 x 720 (30/25 fps)
		1024 x 768 (30/25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	1280 x 1024 (30/25 fps)	1280 x 720 (30/25 fps)
		1024 x 768 (30/25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	1280 x 720 (30/25 fps)	1280 x 720 (30/25 fps)
		1024 x 768 (30/25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
	1024 x 768 (30/25 fps)	1024 x 768 (30/25 fps)
		800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
		800 x 600 (30/25 fps)
800 x 600 (30/25 fps)	800 x 600 (30/25 fps)	

H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
	720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
		320 x 240 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
800 x 600 (30/25 fps)	800 x 600 (30/25 fps)	800 x 600 (30/25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
		640 x 480 (30/25 fps)
720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
		640 x 480 (30/25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
		352 x 240 (30 fps) / 352 x 288 (25 fps)
		720 x 480 (30 fps) / 720 x 576 (25 fps)
H.264 + H.264 + H.264 / MJPEG		
H.264-1	H.264-2	H.264-3
720 x 480 (30 fps) / 720 x 576 (25 fps)	720 x 480 (30 fps) / 720 x 576 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
640 x 480 (30/25 fps)	640 x 480 (30/25 fps)	640 x 480 (30/25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)

Dual Streams- Back End Correction

MJPEG only supports for 1080P and under.

H.264 + H.264 / MJPEG	
H.264-1	H.264-2
2592 x 1944 (14 fps)	1920 x 1080 (14 fps)
	1280 x 1024 (14 fps)
	1280 x 720 (14 fps)
	1024 x 768 (14 fps)
	800 x 600 (14 fps)
	720 x 480 (14 fps) / 720 x 576 (14 fps)
	640 x 480 (14 fps)
	352 x 240 (14 fps) / 352 x 288 (14 fps)
2048 x 1536 (20 fps)	1920 x 1080 (20 fps)
	1280 x 1024 (20 fps)
	1280 x 720 (20 fps)
	1024 x 768 (20 fps)
	800 x 600 (20 fps)
	720 x 480 (20 fps) / 720 x 576 (20 fps)
	640 x 480 (20 fps)
	352 x 240 (20 fps) / 352 x 288 (20 fps)
1920 x 1080 (30/25 fps)	1280 x 1024 (30/25 fps)
	1280 x 720 (30/25 fps)
	1024 x 768 (30/25 fps)
	800 x 600 (30/25 fps)
	720 x 480 (30 fps) / 720 x 576 (25 fps)
	640 x 480 (30/25 fps)
1280 x 1024 (30/25 fps)	352 x 240 (30 fps) / 352 x 288 (25 fps)
	1280 x 1024 (30/25 fps)
	1280 x 720 (30/25 fps)



VICON INDUSTRIES INC.

For office locations, visit the website: www.vicon-security.com

