VICON

Release Notes

Updated Firmware (H_6411) for V804D-WIR, V804D-W312MIR, V984D-W312MIR and V984B-W312MIR Cameras

General Description

Vicon has released firmware for production for the cameras listed below.
The accompanying Smart Manager discovery tool has not been updated for this release.
It remains at version v2.3.3.15.

These cameras and firmware versions have been tested and validated with Vicon's Valerus VMS and with ViconNet V8.x.

Camera	Older Firmware	Newest Firmware
V804D-WIR V804D-W312MIR V984D-W312MIR V984B-W312MIR	H_6411_v2.8.8	H_6411_v3.3.8

Note:

If the camera has firmware older than H_6411_v2.3.6, please see the release notes for the H_6411_v2.3.6 firmware prior to upgrading to the new firmware H_6411_v3.3.8.

Vicon Production

The latest firmware and discovery tool are available on Vicon's website. A link is provided in the installation section of this document. Manufacturing will switch over to the new firmware for new camera production and update all existing inventory.

This is not a mandatory update. However, updating is recommended for cameras intended to work with Vicon's Valerus VMS or other ONVIF-based VMS systems. For other applications, please review the release notes to help determine if the fixes included are relevant to your environment.

Please review the upgrade instructions described at the end of this document.

Corrected Issues

Line Counter values
An issue was fixed where Line Counter values shown in the camera user interface differ from the values read through the API.

Line Counter reset
A line counter reset option is now available

Line Counter value after reboot
An issue was fixed where the Line Counter values would be reset after a power-cycle.

VCA Rule mix-up.
A problem was solved where VCA rule 2 would be seen as rule 1, after rule 1 was de-activated.

Event schedule
Event scheduling was added to enable/disable VCA rules at specific times.

Face detection
A problem was solved where no bounding box info was provided to Valerus for face detection.

IVMD sensitivity
Some improvements were implemented in the sensitivity setting of IVMD (Intelligent Video Motion Detection).

Intrusion detection
An issue was solved where the "Intrusion Detection" VCA rule would not send the correct ONVIF event messages to the VMS.

Obsoleted TLS protocol.
Support for obsoleted protocols TLS 1.0 and TLS 1.1 was removed for HTTPS; only the current TLS 1.2 is supported.

ONVIF Compliance
Some modifications have been made to ensure the camera fully complies with the ONVIF standard (v19.12).

J-Query
The firmware is now using version 3.5.1 of the J-Query JavaScript library.

PHP version update
The firmware is now using version 7.4.12 of the PHP HTML scripting language.

VCA Page refresh
An issue was corrected where the VCA configuration would show the incorrect default setting after a browser page refresh.

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Subnet mask.

An issue was corrected where the camera would not be able to communicate with a device on a different network subnet because an incorrect subnet-mask was used.

ActiveX version update.

The firmware is now using version v2.3.2.10 of ActiveX controls for IE.

Image Flip

An issue was fixed where image flip feature would be disabled, but still shows enabled, when viewing angle was changed.

Time trigger and daylight-savings time

An issue was corrected where time related triggers would not happen at the correct time, when the camera was configured to use daylight savings time.

Privacy masks

An issue was fixed where it was possible to configure privacy masks, even when it was disabled.

Installing the Updated Firmware

The latest firmware is available on Vicon's website from the Software Downloads tab.
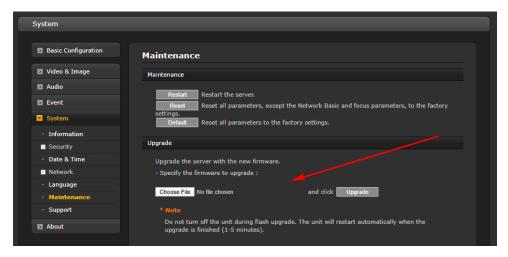A link is provided below.
http://www.vicon-security.com/software-downloads-library/vicon-camera-software/

Note:
If the camera still has firmware older than H_6411_v2.3.6, please see the release notes for release H_6411_v2.3.6, prior to upgrading to the new firmware H_6411_v3.3.8.

Download the firmware to your PC.
Go to the camera's Maintenance screen. Open the Upgrade section and use the Browse button to locate the firmware on your PC. Press the Upgrade button. During the upgrade process, do not turn off power to the camera. Wait at least 5 minutes and access the camera again.

Once complete, the firmware version can be checked from the Basic Configuration screen.

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