

December 2019

## Updated Firmware (iqeyeM6\_V4.2-532) for IQM6x Series Camera

### General Description

Vicon has released firmware for production for the camera listed below. The accompanying IQFinder discovery tool has not been updated for this release. It is still at version 3.2

This camera and firmware version have been tested and validated with Vicon's Valerus VMS and with ViconNet V8.x.

<b>Camera</b>	<b>Older Firmware</b>	<b>Newest Firmware</b>
IQM6x series cameras	iqeyeM6_V4.2-507	iqeyeM6_V4.2-532

### 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

### Stability

Overall stability improvements, particularly to avoid unexpected restarts under specific circumstances.

### OS upgrade

Camera internal kernel OS is upgraded.

### ONVIF

Enhanced ONVIF compatibility and command set.

### Audio

Improved audio stability.

Resolved an issue where the audio-in (microphone) could stop working over time.

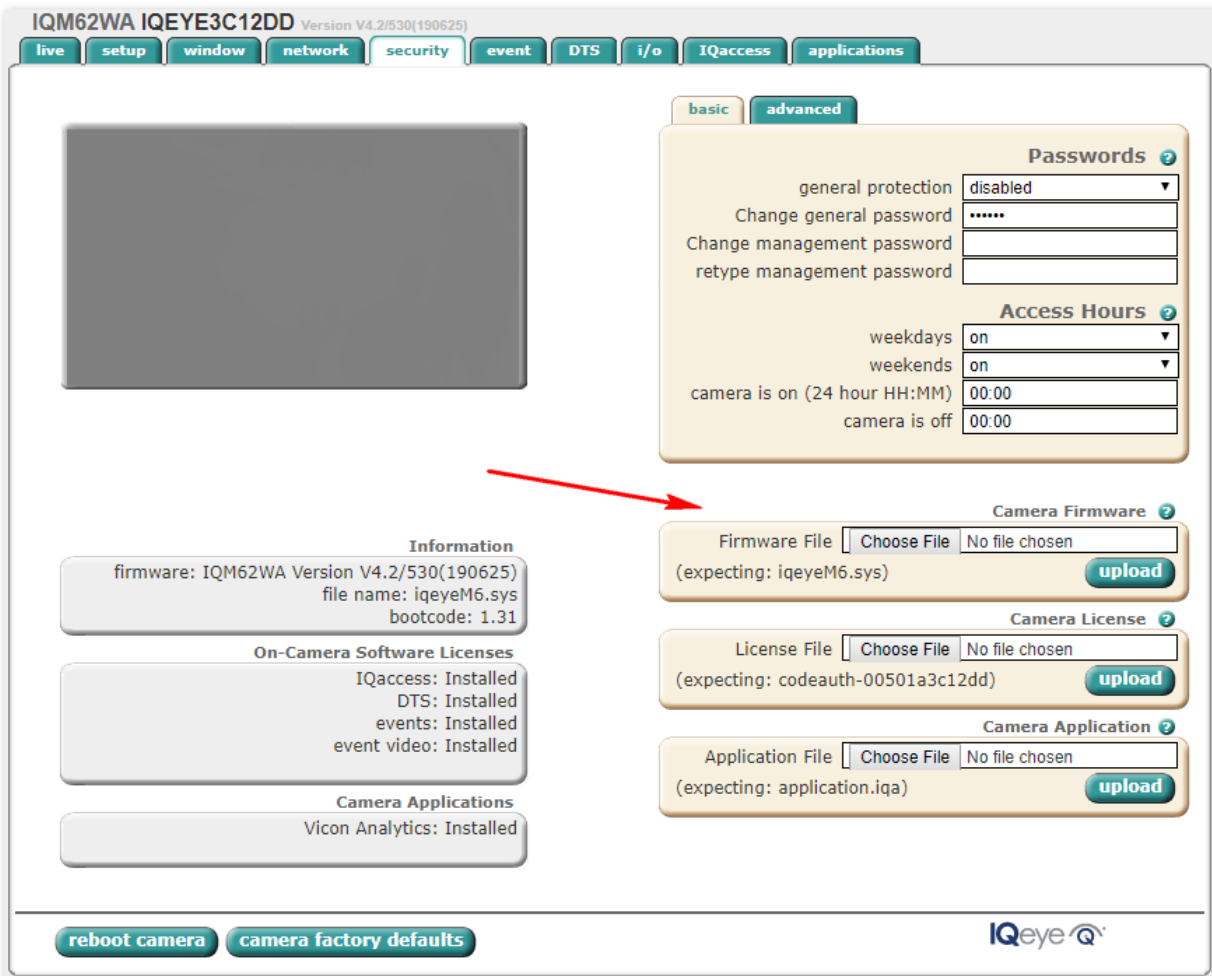
## Installing the Updated Firmware

The latest firmware is available on Vicon's website from the Software Downloads tab. A link is provided below.

<https://www.vicon-security.com/software-downloads-library/iqeye-camera-software/>

Download the firmware to your PC.

Go to the camera's Maintenance screen, in the Setup > Security tab, use "Choose File" to select the firmware file and upload this firmware in the camera. The camera will now show a message that the file is uploading and will restart. This completes the upgrade.



The screenshot displays the web interface for an IQM62WA IQEYE3C12DD camera, Version V4.2/530(190625). The interface includes a navigation menu at the top with tabs for live, setup, window, network, security, event, DTS, i/o, IQaccess, and applications. The 'security' tab is active, and the 'advanced' sub-tab is selected. On the left, there is a large grey placeholder for a video feed. Below it, the 'Information' section shows: firmware: IQM62WA Version V4.2/530(190625), file name: iqeyeM6.sys, and bootcode: 1.31. The 'On-Camera Software Licenses' section lists IQaccess, DTS, events, and event video as installed. The 'Camera Applications' section shows Vicon Analytics as installed. At the bottom left, there are buttons for 'reboot camera' and 'camera factory defaults'. On the right, the 'Passwords' section has dropdowns for 'general protection' (disabled) and 'Access Hours' (weekdays on, weekends on, camera on/off at 00:00). Below this, the 'Camera Firmware' section is highlighted with a red arrow; it contains a 'Firmware File' field with a 'Choose File' button and 'No file chosen' text, an '(expecting: iqeyeM6.sys)' label, and an 'upload' button. The 'Camera License' section has a 'License File' field with a 'Choose File' button and 'No file chosen' text, an '(expecting: codeauth-00501a3c12dd)' label, and an 'upload' button. The 'Camera Application' section has an 'Application File' field with a 'Choose File' button and 'No file chosen' text, an '(expecting: application.iqa)' label, and an 'upload' button. The IQeye logo is in the bottom right corner.