

IQEye Cameras Firmware

General Description

Vicon engineering has released the latest firmware for a list of IQeye cameras. The accompanying IQfinder and IQmanager discovery and setup tools do not change.

The updated firmware is relevant to camera models as listed below:

Camera	Older Firmware	Newest Firmware
IQM5xx – Alliance-mx older model	V4.2 / 042	V4.2 / 055
IQM6xx – Alliance-mx current model	V4.2 / 042	V4.2 / 055
IQD5xx – Alliance-mini older model	V4.2 / 042	V4.2 / 055
IQD6xx – Alliance-mini current model	V4.2 / 042	V4.2 / 055
IQ76xx – 7 series box camera	V4.2 / 042	V4.2 / 055
IQ86xx – Sentinel cameras	V4.2 / 042	V4.2 / 055
IOA3xx – Alliance-pro older model	V4.2 / 042	V4.2 / 055
IQR5xx – Bullet camera	V4.2 / 042	V4.2 / 055

Vicon Production

The latest firmware and discovery tools are available on Vicon's web site. A link is provided in the installation section of this document. Production will switch over to the new firmware for new cameras produced effective immediately. A link to the latest analytics application is also provided on the web site.

This is not a mandatory update, however Vicon recommends reviewing the release notes to help determine if the fixes included are relevant to you. Please review the upgrade instructions described at the end of this document.

Rev1.0

Firmware Updates

Support of Real-Time-Clock Chip

Added support for the updated real-time-clock chip in the IQD6xx and IQM6xx series cameras. This allows the cameras equipped with RTC to keep the time. This is relevant with a VMS that reads the time from the camera or in cases where time is shown on the OSD.

ViconNet VMS does not use the time from the cameras.

Known Issues

Edge Recording NTP

When using Exacq Edge (or any Edge client) or when configuring standalone recording to the camera's SD card, be sure to configure a network accessible NTP time server for IQD5xx and IQM5xx cameras, as they do not have a real-time clock. Alternatively, you can use IQeye cameras from the IQD6xx, IQM6xx, IQ76xx, IQA3xx and IQR5xx families, as these models include a battery backed up real-time clock.

Restore Default Issue

Restoring defaults on the advanced image setup web page doesn't restore the day/night threshold value.

60 FPS on WDR

There is no ability to select 60 frames per second on one megapixel WDR cameras.

Analog Out Issue

In certain network environments, the analog video output of the IQD6xx/IQM6xx will not work unless the camera has just been factory reset.

High Brightness Issue

Selecting the Lightgrabber "4X" setting on the IQD5xx, IQM5xx and IQR5xx families of cameras could cause a brightness issue in the camera that results in a washed out image. The "4X" setting has been disabled.

IQrecorder Application

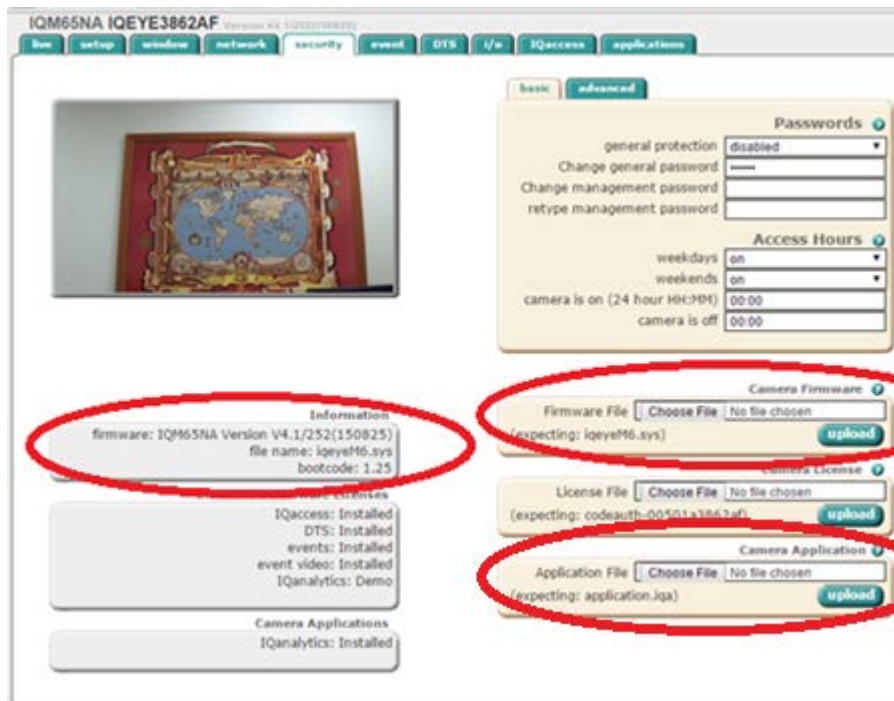
IQrecorder functionality is no longer supported.

Rev1.0

Installing the Updated Firmware

All new production cameras have the latest firmware version. For upgrades, the latest firmware is available on Vicon's website from the Learn-and-Support tab – Software Downloads – IQeye-camera-software; a link is provided below.

<http://www.vicon-security.com/learn-and-support/software-downloads#iqeye-camera-software> Download the firmware to your PC. Go to the camera's security tab.



Go to the camera firmware section and use the "Choose File" button to locate the firmware on your PC. Press the upload button. During the upgrade process, do not turn off the power to the camera. The new firmware should be installed. This can be verified on the information window on the left side.

The latest Vicon Analytics application is also available in the same location and should be updated as an application file after the new firmware has been successfully updated.

Upgrading the firmware can be also done using the IQfinder/IQmanager software without browsing to the cameras and for batch upgrades.