VICON

Release Notes

Updated Firmware (H_7816) for cameras: V988B-W311MIR, V988D-W311MIR, V988-W-NL V985D-W311MIR and V985B-W311MIR

General Description

Vicon has released firmware for production for the cameras listed below. The accompanying SmartManager discovery tool has not been updated for this release. It is still 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
V988B-W311MIR V988D-W311MIR V988-W-NL V985B-W311MIR V985D-W311MIR	H_7816_v1.8.6.enc	H_7816_v2.0.1.enc

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.

Known Issues

Bounding Boxes in Valerus

Currently, when the camera is configured to use the H.265 protocol, the VCA related bounding boxes will not show in the Valerus Client. They will be visible in the H.264 protocol. This will be resolved at a later stage.

Corrected Issues

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

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

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

TLS 1.0 and TLS 1.1 support
Support for depreciated TLS 1.0 and 1.1 protocols have been removed.
The firmware now only supports current protocol TLS 1.2.

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.

SSL certificate
An expired timestamp in the self-signed SSL certificate has been corrected.

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

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

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

ActiveX error
An issue was fixed that causes an ActiveX error to appear in a browser after a power cycle.

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

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 saving 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.
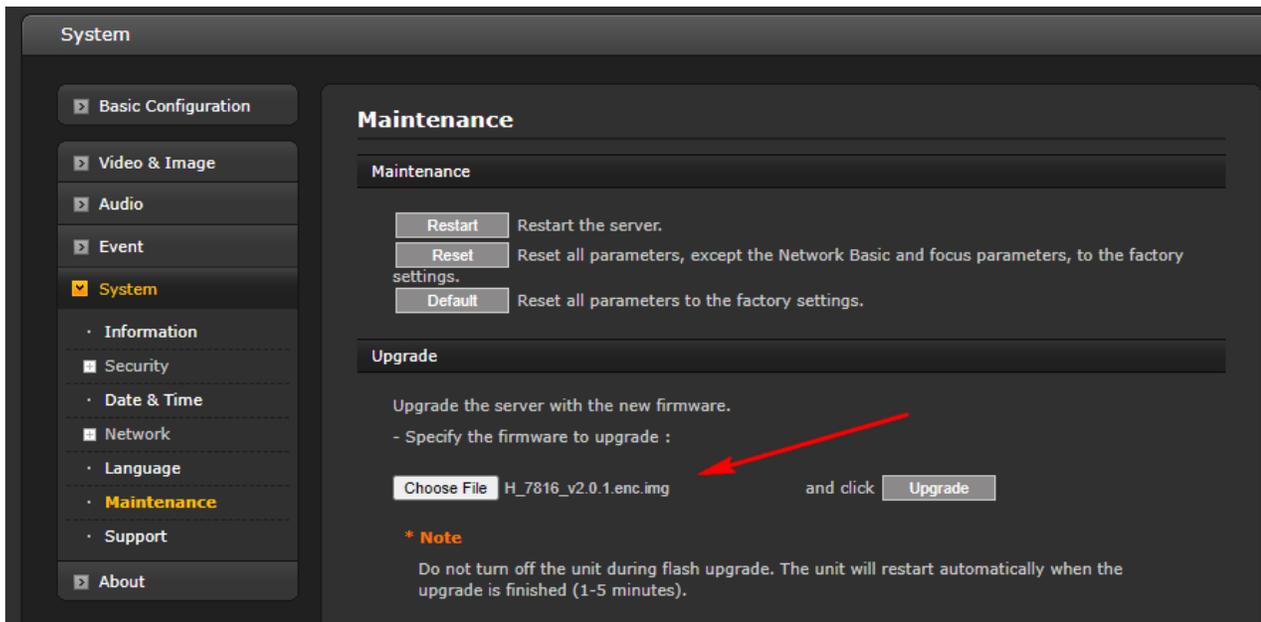
Installing the Updated Firmware

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

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.