

X2 Firmware for Cameras:

SN663V-A, SN663V-B, SN663V-B-EX, SN673V-B, SN680D-A-WNIR,
 SN680D-B-WNIR, SN240D, V932EZ-W312MIR,
 V921B-W39MIR-A, V922-D4129, V922B-W39MIR-A, V922B-W551MIR-A,
 V922B-W551MLPC, V922D-W39IR-A, V922D-W39IR-ME, V922D-W39MIR-A,
 V922D-W39MIR-ME, V972D-W312IR, V-CELL-HD-A

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 currently 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
SN663V-A SN663V-B SN663V-B-EX SN673V-B SN680D-A-WNIR SN680D-B-WNIR SN240D V932EZ-W312MIR V921B-W39MIR-A V922-D4129 V922B-W39MIR-A V922B-W551MIR-A V922B-W551MLPC V922D-W39IR-A V922D-W39IR-ME V922D-W39MIR-A V922D-W39MIR-ME V972D-W312IR V-CELL-HD-A	HSNCX2_v3.0.8	HSNCX2_v3.2.6

Release Notes

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.

Note: When the current firmware on your camera is older than HSNCX2 V2.2.23, you may need to update to firmware version HSNCX2 V2.2.23 first as an intermediate step. After that, you can update the camera to the new HSNCX2_v3.2.6 firmware.

If the current firmware is even older, follow these intermediate firmware steps to finally load firmware HSNCX2_V3.2.6:

HSNCX2_V1.4.9/HSNCX2_V1.5.4 → HSNCX2_V2.1.7 → HSNCX2_V2.2.23 → HSNCX2_V3.2.6

Corrected Issues

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.

J-Query

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

SSL Certificate.

Self-Signed SSL certificate was expired and has been updated.

HTTPS

Fixed an issue that caused problems when connecting to the camera thru HTTPS.

PTZ controls

Fixed an issue where PTZ controls were misplaced in the privacy mask tab (PTZ models).

Relay Output

Fixed an issue where the relay output icon was not shown in the live page of the camera interface.

PHP version update

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

Installing the Updated Firmware

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

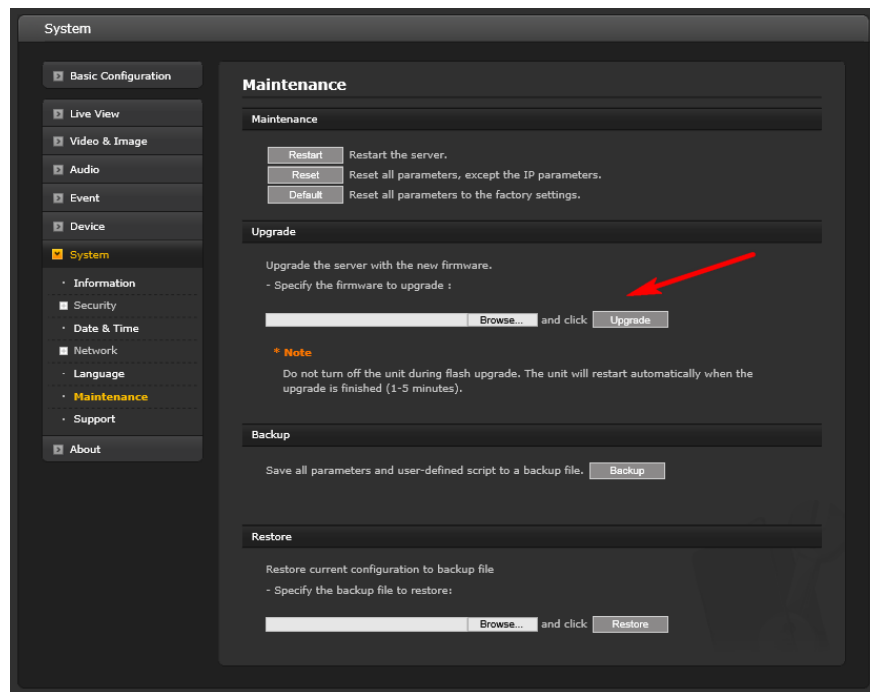
Note: When the current firmware on your camera is older than HSNCX2 V2.2.23, you may need to update to firmware version HSNCX2 V2.2.23 first as an intermediate step. After that, you can update the camera to the new HSNCX2_v3.2.6 firmware.

If the current firmware is even older, follow these intermediate firmware steps to finally load firmware HSNCX2_V3.2.6:

HSNCX2_V1.4.9/HSNCX2_V1.5.4 → HSNCX2_V2.1.7 → HSNCX2_V2.2.23 → HSNCX2_V3.2.6

<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.