

Firmware Update for NEXT Camera

General Description

Vicon has released new firmware for the NEXT modular camera system.

Cameras online and connected to Anavio will receive the update automatically. Cameras using ONVIF to connect to a VMS can be updated manually via PRONTO or the Web UI.

If you are using PRONTO to update your solo cameras, update to [v32_pronto](#) first, then to [v38](#). See page 3 for more details.

For multi-sensor cameras, PRONTO is not currently supported – updates must be performed through the Web UI.

Older Firmware	Newest Firmware
nxt_0100.030	nxt_0100.038

Key Updates

- Independent HDR Controls**
 In multi-sensor configurations, HDR can now be enabled individually per sensor.
- Analytics in Portrait Mode Support**
 Analytics now function correctly when the camera is set to portrait mode. Transitioning between portrait and landscape no longer produces an “offline” warning.
- High Temperature Safeguards**
 A safeguard has been added where HDR and AI De-Noise will temporarily disable if internal SOC temperature reaches a defined threshold. Features are automatically re-enabled once operating temperature stabilizes.
- Bitrate Control**
 The default bitrate setting has been changed from CBR to CVBR. This preserves bandwidth and storage in quiet or static scenes without affecting video quality.
- LED Startup Sequence**
 The LED startup sequence now includes a yellow + red blinking stage (following the initial yellow flashing). This indicates a successful connection between the network hub and the sensor. For the complete NEXT LED startup sequence, [please refer to this article](#).

- **Audio Stream**

Corrected a problem where audio streams were not recognized by the VMS after being enabled through the camera interface. The camera now updates the VMS automatically without requiring re-registration.

Resolved an issue where the audio stream experienced interruptions. If the microphone was associated with a video stream, the live video stream would also stop in the Valerus Desktop Client. This has also been resolved.

Improvements & Fixes

- Fixed a browser interface issue where enabling HDR for Camera one in a multi-sensor setup incorrectly displayed all cameras as having HDR enabled.
- Fixed an issue where bounding boxes in the web UI appeared out of sync with live video.
- Improved compatibility by adding quad fixture support with ViconNet.

Known Issues

- Sensors may periodically reboot when Edge recording is enabled but will automatically reconnect within one minute.
- For multi-sensor cameras, PRONTO is not currently supported — updates must be performed through the Web UI.

How to update firmware via PRONTO

If your camera is connected to Anavio, it will automatically receive an over-the-air update. No action required for the user.

If you are using PRONTO to update your solo cameras from v31 or earlier, you need to update to [v32_pronto](#) first.

- First, use PRONTO to update the camera with [nxt_0100.032_pronto](#).
- Once completed, you can proceed with updates to later versions as usual.
- For multisensor cameras, PRONTO is not currently supported – updates must be performed through the Web UI.