

Spectra Enhanced 7 Series

This document describes firmware updates to the Spectra Enhanced 7 Series cameras. Review each section to determine if an upgrade is warranted for your installation. For additional information on the unit (including the latest updates to documentation, product specifications, and software downloads), visit the Pelco Web site at www.pelco.com.

NOTE: For technical issues, contact Pelco Product Support at 1-800-289-9100 (USA and Canada) or +1-559-292-1981 (international).

3.4.0.5 Release

New Features and Improvements

- Added new advanced analytics including "People Counter" and "Vehicle Counter" which can be configured through VXTtoolbox.
- Added the ability to encrypt the contents of the SD card using a password for added security.
- Added support for a real time clock so the camera will not lose its time when disconnected from power.
- Added ability to upload a PKCS12 certificate for TLS security.
- Added echo mitigation to prevent echo sounds when using Audio In and Audio Out at the same time.
- Added cybersecurity improvements.

Major Fixes

- Corrected a problem with wrong-way events being generated when a configured zone contained stationary vehicles.
- Corrected an issue causing overexposure of video in linear mode.
- Corrected a problem with the camera losing focus in full digital zoom.
- Corrected an issue with the focus motor getting stuck.
- Corrected a problem with the camera not panning.
- Corrected an issue with LLDP negotiation failing if the switch provides Class 4 power initially.

3.3.1.4 Release

Major Fixes

- Corrected a problem to increase low light brightness capability.
- Corrected an issue to improve imaging sharpness.
- Corrected a problem with the camera not being able to focus after a zoom pull to Wide from Tele if the mouse wheel zoom is used.
- Corrected an issue with the Web UI and the "System" source not working.
- Added localization for the Tooltip for Ping ID.

3.3.0.6 Release

New Features and Improvements

- Compliant with California's new SB-327 cybersecurity law aimed at preventing unauthorized access to Internet-connected devices. The camera now requires an administrator account to be created the first time it boots. Without such an account, the camera will not stream video and will fail most API requests.
- Added "Person Wrong Way" and "Vehicle Wrong Way" Detection analytics from PilotAI that can be licensed and configured from VXToolbox.

NOTE: A user must exist on the camera in order to successfully update to this firmware.

Major Fixes

- Corrected an issue that prevented motion recording on the SD card.
- Improved handling of HTTP Post timeouts on the web client firmware update page.
- Improved the ability of the camera to focus at high digital zoom settings.

3.1.0.9 Release

New Features and Improvements

- Added Pelco's Advanced Analytic Suite powered by deep learning for Person Object Detection in zones. Camera suite is licensed and configured using VxToolbox.

NOTE: After a camera is updated to firmware 3.1.0.9 from a 3.0x build, it cannot be downgraded back to 3.0x.

Major Fixes

- Corrected an issue with switching to WDR mode causing a focus failure.
- Corrected a problem with Autotracker not functioning.
- Corrected an issue in the Web UI after setting a video preset to "Low." The resolution was changed and saved, but after refreshing the webpage, no preset resolution was selected.



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