PELCO
a Motorola Solutions Company

Release Notes

Sarix Enhanced 3 Series

This document describes firmware updates to the Sarix Enhanced 3 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).

3.3.2.1 Release

New Features and Improvements

- Added support for the new 8 MP (4K) long lens bullet and dome models of cameras.

3.3.1.2 Release

Major Fixes

- Corrected an issue with poor EIS correction when there was a small, random, camera movement.
- Corrected a problem causing blurry image rendering in linear mode from a very sharp raw video file.
- Corrected a tooltip for Ping ID to add localization.
- Corrected a problem with excessive contrast in linear mode on the camera.

3.3.0.8 Release

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

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 Advanced Analytics that can be licensed and configured from VxToolbox.

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.

3.2.1.2 Release

New Features and Improvements

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

- Added support for the Box form factor cameras.
- Added support for the 3MP long-lens model Dome and Bullet cameras.

Major Fixes

- Corrected an issue causing poor daylight illuminate correction. The Auto White Balance failed with a distinct blue cast.
- Corrected a problem with White Manual White Balance not working in version 3.1 and failing in WDR modes only.
- Corrected an issue with long exposure in WDR mode causing overexposure in bright outdoor scenes.

3.1.0.9 Release

New Features and Improvements

- Added support for 5 MP, 8 MP (4K), and 3 MP long lens models of cameras. **NOTE:** Once a camera is updated to firmware 3.1.0.9 from a 3.0x build, it cannot be downgraded back to 3.0x.
- Added Pelco's Advanced Analytic Suite powered by deep learning for Person object detection in zones. Camera suite is licensed and configured using VxToolbox.

Major Fixes

- Corrected an issue causing other clients' video and audio streams to be impacted by the loss of network connectivity to one client.
- Corrected a problem with the camera not maintaining good focus through extreme temperature change.
- Corrected an issue with the default image sharpening to be too high.
- Corrected a problem with the camera becoming inaccessible when restoring all imaging settings in non-WDR mode.
- Corrected an issue with switching to MJPEG encoding causing poor (flickering) video quality.
- Corrected a problem with the camera failing to focus after rebooting or a factory restore.
- Corrected an issue causing window blanks to shift when EIS was on.
- Corrected a problem with blinking, hot pixels being visible in low light.
- Corrected an issue with VxToolbox and the camera firmware update failing with TLS set to "Optional" or "Required."
- Corrected a problem with triggering a physical alarm and the "On" and Off" states being triggered twice (instead of once) in rapid succession.
- Corrected an issue with changing the camera orientation ignoring the current white balance settings and going back to default white balance settings.
- Corrected a problem with restoring factory defaults sometimes resulting in black video.
- Corrected an issue with full resolution image capture only returning a 640 x 360 image.
- Corrected a problem with the camera transitioning too slowly out of daylight mode.
- Corrected an issue with color chart white balancing.
- Corrected a problem with the SD card not being detected after formatting.
- Corrected an issue with the loss of the Default Gateway setting on DHCP.

- Corrected a problem with an error message to make it more clear that certain special characters are invalid for user names and passwords.
- Corrected an issue causing exporting large recorded video clips to sometimes fail.

3.0.0.21 Release

Major Fixes

- Corrected a problem causing WDR images to appear too dark compared to linear mode.
- Corrected an issue causing focus problems after changing the zoom setting and Restoring All Imaging Settings.
- Corrected a problem causing day/night oscillation in lighter mode.
- Corrected an issue that had the potential to cause dropped frames on 2MP models.
- Corrected a problem with the Event Stream page timing the user out.

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