



ExSite Enhanced Thermal 2 Series Fixed

v 5.52.0.32 Release Notes

This document describes the features, operational issues, and major fixes for the ExSite Enhanced Thermal 2 Series Fixed cameras. Review each section to determine if an upgrade is warranted for your installation. For additional information on the camera (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).

To upgrade the camera, there are two methods and you use a different file depending on the process.

- To update your camera using the camera's web interface, use the firmware file with the .BIN extension.
- To update your camera using the Camera Configuration Tool, use the firmware file with the .FWP extension.



Note: Version Dependency

If your camera currently has firmware older than 5.20.0.20, please upgrade to version 5.20.0.20 before upgrading to the latest firmware version.

5.52.0.32 Release

New Features and Improvements

- Added IPv6 support by default for simplified deployment and improved network connectivity.
- Added Recovery mode to simplify firmware recovery and restoration after unsuccessful firmware updates.
- Enhanced the camera automation engine with support for secure SFTP snapshots uploads using SSH key authentication.

5.42.0.72 Release

Major Fixes

- Resolved an issue of excessive IP fragmentation in RTP over UDP streams.
- Added support for the new FIPS 140-3-compliant TPM.

5.42.0.44 Release

New Features and Improvements

- Resolves an issue where polygon metadata was incorrectly populated.

5.42.0.40 Release

New Features and Improvements

- This update includes an urgent performance issue fix and should be applied immediately.
- The text size overlay for Pelco cameras has been improved to address issues with text trimming at higher resolutions. This update ensures that text is displayed correctly across various camera

ExSite Enhanced Thermal 2 Series Fixed v 5.52.0.32 Release Notes

resolutions and stream settings, enhancing the overall visibility and readability of overlaid information.

- A new test event feature has been added to the Audio Analytics configuration via the web interface. This addition allows users to easily test and verify audio analytics settings, improving the setup and troubleshooting process for audio-based detection features.
- MQTT feature has been added allowing cameras to send MQTT events to a custom broker. Please refer to the updated WebUI user guide for details.

5.34.0.36 Release

New Features and Improvements

- Updated OpenSSL support to comply with FIPS 140-3 (level 1) standards. This update aligns with the planned upgrade of TPM on various cameras to FIPS 140-3 compliant versions, enhancing overall security.
- Added support for additional confirmation steps for the 'Restore' button and user deletion processes.
- Significantly enhanced WebUI's Certificate Management feature to provide a more comprehensive and user-friendly experience.
- The camera firmware now supports ONVIF SRTTP integration with Milestone XProtect.

5.20.0.20 Release

New Features and Improvements

- Added support for H.265 streaming to the WebUI. This enhancement improves video compression efficiency and streaming capabilities within the web interface.
- Support has been added to WebUI, which now includes a bounding box and confidence display for analytics.
- Added support for customizable On-Screen Display (OSD). Users can now change the location, color, background color, and text size of overlay text, enhancing readability.
- The automation engine has been updated with new features. This update includes Digital Input Trigger and Digital Output Action, enabling more sophisticated automation rules for integrators and users.
- Support for handling of NXP TPM Tamper (FIPS 140-2 level 4 hardware) has been implemented.

5.14.0.38 Release

Major Fixes

- Fixed an issue that caused the loss of recordings due to not receiving camera pixel motion events.
- Resolved a problem where cameras with Appearance Search enabled appeared as disconnected in Unity Video, even though they were connected.
- Fixed an issue where the camera would abort and close the client connection following analytics reconfiguration.

5.14.0.32 Release

New Features and Improvements

- Added support for analytics bounding boxes for WebRTC video.
- Added FTP, a new feature. FTP is integrated into the Automation Engine as an action. This will allow users to save JPEG snapshots to an FTP server based on triggers.
- The support for OpenSSL has been upgraded.
- FIPS 140-2 compliant Encryption Engine can now be used without any License with this version.
- Added a new feature that enhances the camera automation engine.
- Added a new feature is added to allow manual triggering of mock analytic events. This will facilitate easier testing of VMS integrations and rules engine actions, particularly for unusual crowd events.

4.86.0.20 Release

New Features and Improvements

- Added support for analytics configuration in the WebUI.
- Added support for Electronic Image Stabilization. This enhancement improves image quality and stability, particularly in challenging environments or when capturing moving subjects.
- Added a new feature for SD card Encryption. This feature enhances security by preventing unauthorized access to footage stored on SD cards.
- Added support to disable WS Discovery in the network settings. This feature enhances the privacy and protection against unauthorized access.
- Added support for SD card retention.
- Added a new feature that will separate Smart Compression and Idle Scene Mode. This change allows for more granular control over these features, aligning with customer expectations and industry standards.
- Added a new feature as Client Email. This includes SMTP server configuration, recipient management, customizable email content, and association with trigger events, enhancing notification capabilities.



Pelco, Inc.
625 W. Alluvial Ave., Fresno, California 93711 United States
(800) 289-9100 Tel
(800) 289-9150 Fax
www.pelco.com

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