

IBD Series High Corner Security Mount

This document describes operational issues for the IBD Series High Corner Security Mount 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).

Upgrading Firmware from Device Utility

1. Install Device Utility 2.3 or later, if it is not already installed.
 - a. Download Device Utility 2 from www.pelco.com.
 - b. Run the DU2 installer.
2. Open Device Utility and log on with administrator credentials.
3. Refresh your device lists, if necessary, to identify the cameras you want to upgrade.
4. Select the cameras you want to upgrade.
5. Click the Update Firmware icon or right-click an individual camera and select Update Firmware.
6. Select the firmware file and click Open. The Perform Update dialog appears.
7. Click OK to accept the update.

The camera will install the updated firmware and then restart. The update process takes approximately 15 minutes to complete.

Upgrading Firmware from Pelco Utilities

1. Open Pelco Utilities and log on. If upgrading cameras on an Endura® network, you must log on with administrative privileges to upgrade camera firmware.
2. Select the camera you want to upgrade in the System Attributes tab. (You can select multiple cameras by pressing and holding the CTRL or SHIFT keys while selecting cameras.) The camera appears in the right pane.
3. Click the Software Packages tab.
4. Click Add, locate the firmware file, and click Open.
5. Return to the System Attributes tab and select the camera to which you added firmware in previous steps.
6. Right-click the camera, select Device Macros, and then select Update in the right pane.

The camera will install the updated firmware and then restart. The firmware update process takes several minutes to complete.

Upgrading Firmware From Camera Web Interface

1. Use Internet Explorer to access the camera via its IP address.
2. Click on the Login link in the upper right corner of the page and then enter credentials for the administrator.
3. Click Settings and then navigate to the Firmware page under the System menu.
4. Click Browse to select the firmware file and then click Upload.

The camera will install the updated firmware and then restart. The firmware update process typically takes up to 5 minutes to complete.

01.16.52

Improvements and Features

- Improved cybersecurity.

1.16.51 Release

Improvements and Features

- Compliant with California's new SB-327 cybersecurity law aimed at preventing unauthorized access to Internet-connected devices. The camera 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.

NOTE: In order to upgrade to this firmware from 1.16.50 or another previous version, an administrator account must be created on the camera prior to the upgrade.

1.16.50 Release

Major Fixes

- Fixed a problem where VxOpsCenter failed to stream video from camera.
- Corrected an issue where Camera Web UI and OSD intermittently displayed an incorrect calendar, but the hardware clock always showed the correct time.
- Fixed a problem that caused missing authorization on the camera.

1.16.48 Release

Improvements and Features

- Add the new Pelco logo to the Web UI.

Major Fixes

- Corrected a problem that prevented the camera from assigning a static IP address in the 214.x.x.x - 219.x.x.x range.
- Corrected an issue with the video in Endura displaying the incorrect time.
- Corrected a problem with Edge Storage retrieval from a Milestone VMS and failing to retrieve the correct video.
- Corrected an issue with the VideoXpert OCC being unable to retrieve an Edge Recording and add it to the default recorder.
- Corrected a problem with automatic and manual Edge Retrieval not working in Milestone (ONVIF).
- Corrected an issue with camera RTP time stamps not incrementing in an IPV6-only environment.
- Corrected a problem with artifacts and ghosting in live video when the camera was set to use Smart Compression.
- Corrected an issue causing the initial NTP sync to sometimes fail.
- Corrected a problem with Edge Recording not pulling video either automatically or manually in Milestone (ONVIF).

- Corrected an issue with the Web UI and the login screen showing live video.
- Corrected a problem with Track tokens returned by GetMediaAttributes not matching those in Event search results.
- Corrected an issue with Motion Events from the camera not behaving correctly with API integration to NETBOTZ.
- Corrected a problem with manual exposure mode disabling the day/night function.
- Corrected an issue with being unable to restore a camera from a backup file using VXToolbox.
- Corrected a problem with a camera without any users indicating that “Admin” was logged in.
- Corrected an issue with Storage Management and menu options under Users not being localized.
- Corrected a problem with motion events not being displayed and registered by VX Enterprise when the camera has been added using the ONVIF driver.
- Corrected an issue with response times for bringing up videos in ONVIF Device Manager being too slow.

1.16.47 Release

Improvements and Features

- Added flash partition backup and restore functionality.
- Fixed a watchdog reset hang that caused camera restart issues.
- Fixed an UUID change issue.
- Removed unnecessary write rtc actions.

Major Fixes

- Corrected a problem with cameras restarting frequently.
- Corrected an issue that caused camera UDNs to change periodically.
- Corrected an issue that cause the primary Unicast stream to stop due to enforcements of stream constraints.
- Corrected an issue that caused Edge Storage Retrieval from Milestone VMS to return incorrect video.
- Corrected a problem where the camera port scan would show port 80 as “Open” with TLS set to “Required”.
- Corrected an issue that caused initial NTP sync to fail occasionally.

1.16.42 Release

Improvements and Features

- Added cybersecurity improvements:
 - Added the ability to set TLS (formerly SSL) to “Required” in the Web Client which disables HTTP access.

Major Fixes

- Corrected an issue preventing web browsers from streaming live view on the camera.
- Corrected a problem with a StreamDiscovery response that could prevent streaming over IPv6 on VideoXpert.
- Corrected an issue with the ONVIF GetNTP function’s default values.
- Corrected an issue with AudiolInputRtsp: SetChannelParameters request returning an “Operation not supported” response.

- Corrected a problem with multicast auto-start.

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