

# Avigilon H4 PTZ Firmware Release Notes

## Version 3.16.0.248 – Released November 15, 2018

- Fixed an issue where certain ONVIF calls for event subscription, related to monitoring digital input/output events, may fail.
- Fixed an issue where streaming over TCP to ACC might result in dropped frames.

## Version 3.16.0.202 – Released October 4, 2017

### Issues Fixed

- Improved stability in the presence of occasional communication errors.

## Version 3.16.0.170 – Released July 11, 2017

### Issues Fixed

- Fixes critical vulnerability CVE-2017-9765. While the risk for Avigilon products installed behind a firewall or isolated network is limited, we highly recommend all users to update to this release.

## Version 3.16.0.112 – Released May 30, 2017

### Issues Fixed

- Manufacturing test improvements

## Version 3.16.0.92 – Released April 10, 2017

### New Features

- Added low power warning overlay if PoE power is used.
- Added low temperature cold start delay overlay if camera is powered up below minus 20°C.
- Improved the ONVIF relative zoom moves to be more granular at the wide end and less granular at the tele end.
- Added support for HDSM SmartCodec.

### Issues Fixed:

- Corrected an issue where privacy zones created at the far right edge can wrap around to the left edge or is smaller than intended.
- Corrected an issue where the camera may reboot if too many analytic objects are detected.
- Removed false certificate is expired warnings from logs during firmware upgrades.
- Improved WebUI privacy zone settings by including the drag to move arrow.
- Corrected an issue where E-Flip disabled setting is not retained during reboot or firmware upgrades
- Fixed an issue where the WebUI may crash while using the ‘Restore default’ button.
- Corrected the WebUI display to show the tilt limit is at 90 degrees when E-Flip is disabled.

- Corrected an issue resulting in poor audio input quality.
- Addressed an issue where the ONVIF subscription URL was not accounting for the URL query parameters.
- Removed the continuous and manual focus radio button options in the image and display settings.

### Version 3.16.0.54 – Released February 21, 2017

#### Issues Fixed:

- Improvements to manufacturing tests

### Version 3.16.0.40 – Released January 26, 2017

#### Issues Fixed:

- Upgraded OpenSSL version to v1.0.2h.
- Camera power source is now displayed on the WebUI 'About' page.
- Increased maximum number of PTZ presets from 100 to 500.
- Fixed an issue where the MIB files occasionally generated an error upon upload.
- Fixed an issue where the wrong object type was returned for the SNMP Temperature ID.
- Spaces can now be used in naming 802.1X configuration.
- Fixed an issue where deleting a privacy zone would cause the next privacy zone to be not selectable in the WebUI.
- Improved the accuracy of the field of view when it is moved from home position through the WebUI.
- Fixed an issue where the manual exposure values configured via ONVIF are not displayed in the WebUI.
- Fixed the camera LED behavior upon start.
- Fixed an issue where the PTZ guard tour dwell times were not obeyed.
- Fixed an issue where the digital defog functionality would revert to the default settings after flicker or WDR settings changed.
- Fixed an issue where the camera would detect false motion at night when WDR was enabled.
- Fixed an issue where the ARP ping method could not be disabled in the WebUI.
- Added support for 802.1x server certification check.
- Fixed an issue where performing Restore to Factory Defaults would not restore the SNMP settings to default values.
- Fixed an issue where the time zone and day light savings settings would not revert to default settings when Restore Defaults is executed in the WebUI.
- Improved PTZ movement when using continuous move feature.

- Fixed an issue where setting the camera pan, tilt, zoom via ONVIF would vary from the configured destination.

#### Version 3.14.0.50 – Released Nov 17, 2016

##### Issues Fixed:

- Corrected an issue where the camera may overshoot the pan and tilt target.
- Digital defog can now be configured in the WebUI.

#### Version 3.14.0.46 – Released Oct 21, 2016

##### Issues Fixed:

- Corrected an issue where PTZ may not achieve home position properly depending on its current position.

#### Version 3.14.0.44 – Released Oct 7, 2016

##### Issues Fixed:

- Corrected a manufacturing test issue.

#### Version 3.14.0.38 – Released Oct 4, 2016

- Initial FW release
- Compatible with the following display part numbers:
  - 1.0C-H4PTZ-DC45
  - 1.0C-H4PTZ-DP45
  - 2.0C-H4PTZ-DC30
  - 2.0C-H4PTZ-DP30