

Avigilon H4 Fisheye Camera- Firmware Release Notes

Version 3.28.0.26 – Released December 21, 2018

New Features

- Added support for ONVIF Profile T conformance.
- Added support to disable Night Visibility Check in the WebUI. This feature can be enabled/disabled in *Day/Night Settings* under *Image and Display* tab.
- Added support to control Temporal Filter Strength in the WebUI. This feature can be controlled in *Image and Display* Tab under *Adjustments* Settings.
- Implemented failed password retry throttling on the WebUI.
- Added support for IPv6.

Issues Fixed

- TLS v1.0 disabled
- Fixed an issue where ONVIF streaming may have issue with certain VMSs due to difference in interpretation of the ONVIF specification. Media services call `GetGuaranteedNumberOfVideoEncoderInstances` to camera will now return the maximum number of concurrent streams available instead of the minimum value of 1.
- Fixed an issue where the camera drops and restarts stream if the requesting host has the term “VLC” in its name.
- Fixed an issue where the NTP server would not revert to default settings when Restore Defaults is executed in the WebUI.
- Fixed an issue limiting the keyframe interval to 90 – maximum is now 254.
- Fixed an issue where the camera time stamp overlay does not always appear on ACC.
- Fixed an issue where certain ONVIF calls for event subscription, related to monitoring digital input/output events, may fail.
- Fixed an issue where the WebUI microphone configuration names do not match the corresponding fields in ACC and ONVIF queries.

Version 3.16.0.172 – 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 3.16.0.162 – Released July 10, 2017

Issues Fixed

- Internal manufacturing test improvements

Version 3.16.0.152 – Released July 7, 2017

New Features

- Added support for HDSM SmartCodec
- Added support for camera tamper detection
- Reduced bandwidth by blanking out areas outside of the lens field of view

Issues Fixed

- Fixed an issue where frame rate throttling was not being enabled for high bandwidth scenes
- Fixed an issue where the camera may reboot if a privacy zone is set at the edge of the image
- Corrected an issue resulting in poor audio input quality
- Fixed an issue with the ONVIF subscription URI handling for 3rd party integration
- Renamed the defaults for the microphone inputs to 'External Input' and 'Internal Mic'

Version 3.16.0.64 – Released Mar 8, 2017

Issues Fixed

- Camera now accepts power from a PoE+ source outputting at PoE level

Version 3.16.0.44 – Released Feb 6, 2017

Issues Fixed

- Fixed an issue where the default digital input active state was reversed.
- Added support for 802.1x server certification check.
- Spaces can now be used in naming 802.1X configuration.
- Fixed an issue where the ARP ping method could not be disabled in the WebUI.
- Fixed an issue where the MIB files occasionally generated an error upon upload.
- Fixed an issue where the time zone and day light savings settings would not revert to the factory default settings when Restore Default is executed in the WebUI.
- Fixed an issue where deleting a privacy zone would cause the next privacy zone to not be selectable in the WebUI.
- Updated WebUI layout.
- Added a selection box for privacy masks.
- Fixed an issue where the bandwidth limits were not enforced during Idle Scene Mode.

Version 3.14.0.28 – Released Oct 1, 2016

Issues Fixed:

- Camera power source is now displayed on the 'About' page of the WebUI
- Fixed an issue where privacy zones are slightly offset from the configured location.
- Added "last known light level" status on both 'Imaging' and 'Adjustments' pages of the WebUI.

Version 3.14.0.12 – Released Sep 22, 2016

- Initial firmware release for the following H4 Fisheye cameras:

- 6.0L-H4F-DO1-IR
- 12.0-H4F-DO1-IR