

Avigilon H4 HD Cameras - Firmware Release Notes

Version 3.16.0.216 – Released October 11, 2017

New Features

- Added support for IPv6, not including H4 ES cameras
- Enables control over motion compensated temporal noise filter strength
- Supports face detection for use with Avigilon Appearance Search™ technology

Issues Fixed

- Increased maximum frame rate while SmartCodec is enabled for 5MP and 8MP cameras

Version 3.16.0.182 – Released July 11, 2017

New Features

- Updated ACC ES version to 5.10.14.2

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 3.16.0.138 – Released Jul 7, 2017

New Features

- Added camera tamper configuration to WebUI
- Improved Appearance Search accuracy for two objects closed together or when crossing paths

Issues Fixed

- Fixed an issue preventing FW upgrades via the WebUI
- Fixed an issue where the 8MP camera may crash in high frame rate mode when configuration is changed on the tertiary stream
- Addressed CVE-2016-5195

Version 3.16.0.90 – Released Mar 27, 2017

New Features

- For H4 ES cameras, updated ACC ES version to 5.10.8.2
- Added support for HDSM SmartCodec

Issues Fixed

- Corrected an issue where zoom and focus setting was not retained after camera reboot
- Addressed an issue where the ONVIF subscription URL was not accounting for the URL query parameters.

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- Corrected an issue resulting in poor audio input quality
- Addressed CVE-2016-5195

Version 3.10.2.12 – Released Jan 31, 2017

New Features

- For H4 ES cameras, updated ACC ES version to 5.10.6.6.

Issues Fixed

- Fixed an issue where the camera may reboot in scenes with high number of analytic targets.

Version 3.10.2.8 – Released November 29, 2016

Issues Fixed

- Fixed an issue where the MIB files would sometimes generate an error upon upload.
- Fixed an issue where the bandwidth limits were not enforced during Idle Scene Mode.

Version 3.10.0.162 – Released Nov 2, 2016

New Features

- For H4 ES cameras, updated ACC ES version to 5.10.2.2
- Upgraded OpenSSL version to v1.0.2h

Issues Fixed

- Reduced latency of analytic bounding box behind a moving classified object
- Allowing spaces to be used in naming 802.1X configuration

Version 3.10.0.152 – Released Oct 3, 2016

Issues Fixed

- Internal manufacturing diagnostic test update

Version 3.10.0.142 – Released Sept 6, 2016

New Features

- Added high sensitivity outdoor mode for analytics
- Added support for H4-AC-WIFI2-EU Wi-Fi dongle
- Added ability to disable HTTP access to the camera WebUI

Issues Fixed

- Fixed an issue where the IR offset slider was not being applied in night mode
- Fixed an issue where a line artefact would appear for the 5MP cameras in HDSM 2.0 mode
- Updated the copyright notice to 2016 on the SNMP MIB files

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- Corrected an issue where the wrong object type was returned for SNMP Temperature ID
- Fixed an issue where restore defaults on SNMP did not restore all SNMP settings to default values
- Fixed an issue where cameras may experience a gradual reduction in encoding framerate
- Fixed an issue where the privacy zones could be dragged beyond the camera field of view.
- Updated signed FW CRL from 2016 to 2116

Version 3.10.0.114 – Released May 19, 2016

New Features

- Initial version supporting H4 ES cameras
- For H4 ES cameras, packaged with ACC ES version 5.8.2.14

Issues Fixed

- Improved image quality in low light condition

Version 3.10.0.96 – Released March 15, 2016

New Features

- Added timestamp overlay
- Added audio codec driver for WM8904
- Updated camera names in the WebUI to be more descriptive

Issues Fixed

- Fixed an issue where performing Restore to Factory Defaults would not restore the SNMP settings to default values
- Fixed an issue where the camera would reboot if the resolution or WDR setting was changed while flicker control was set to 50Hz
- Improved image quality

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Version 3.10.0.82 – Released February 15, 2016

- Initial firmware release for the following H4 HD cameras:
 - 1.0C-H4A-D1
 - 1.0C-H4A-D1-IR
 - 1.0C-H4A-D2
 - 1.0C-H4A-DC1
 - 1.0C-H4A-DC2
 - 1.0C-H4A-DO1
 - 1.0C-H4A-DO1-IR
 - 1.0C-H4A-DO2
 - 1.0C-H4A-DP1
 - 1.0C-H4A-DP1-IR
 - 1.0C-H4A-DP2
 - 2.0C-H4A-D1
 - 2.0C-H4A-D1-IR
 - 2.0C-H4A-D2
 - 2.0C-H4A-DC1
 - 2.0C-H4A-DC2
 - 2.0C-H4A-DO1
 - 2.0C-H4A-DO1-IR
 - 2.0C-H4A-DO2
 - 2.0C-H4A-DP1
 - 2.0C-H4A-DP1-IR
 - 2.0C-H4A-DP2
 - 3.0C-H4A-D1
 - 3.0C-H4A-D1-IR
 - 3.0C-H4A-D2
 - 3.0C-H4A-DC1
 - 3.0C-H4A-DC2
 - 3.0C-H4A-DO1
 - 3.0C-H4A-DO1-IR
 - 3.0C-H4A-DO2
 - 3.0C-H4A-DP1
 - 3.0C-H4A-DP1-IR
 - 3.0C-H4A-DP2
 - 5.0L-H4A-D1
 - 5.0L-H4A-D1-IR
 - 5.0L-H4A-D2
 - 5.0L-H4A-DC1
 - 5.0L-H4A-DC2
 - 5.0L-H4A-DO1
 - 5.0L-H4A-DO1-IR
 - 5.0L-H4A-DO2
 - 5.0L-H4A-DP1
 - 5.0L-H4A-DP1-IR
 - 5.0L-H4A-DP2
 - 8.0-H4A-D1
 - 8.0-H4A-D1-IR
 - 8.0-H4A-DC1
 - 8.0-H4A-DO1
 - 8.0-H4A-DO1-IR
 - 8.0-H4A-DP1
 - 8.0-H4A-DP1-IR
 - 1.0C-H4A-B1
 - 1.0C-H4A-B2
 - 1.0C-H4A-B3
 - 2.0C-H4A-B1
 - 2.0C-H4A-B2
 - 2.0C-H4A-B3
 - 3.0C-H4A-B1
 - 3.0C-H4A-B2
 - 3.0C-H4A-B3
 - 5.0L-H4A-B2
 - 5.0L-H4A-B3
 - 8.0-H4A-B2
 - 1.0C-H4A-BO1-IR
 - 1.0C-H4A-BO2-IR
 - 2.0C-H4A-BO1-IR
 - 2.0C-H4A-BO2-IR
 - 3.0C-H4A-BO1-IR
 - 3.0C-H4A-BO2-IR
 - 5.0L-H4A-BO1-IR
 - 5.0L-H4A-BO2-IR
 - 8.0-H4A-BO1-IR