Avigilon H4 Mini Dome Cameras Firmware Release Notes

Version 4.14.0.116 – Released Nov 3, 2022

Issues Fixed

- Fixes a firmware certification issue that could potentially cause ACC 7.14.10+ to reject the camera's firmware if downloaded from the Avigilon website

Version 4.14.0.114 – Released Nov 3, 2022

Issues Fixed

- Fixes a one-off issue that can cause the camera to disconnect from the network and lose its recording

Version 4.14.0.102 – Released Aug 19, 2021

New Features

- Added support for IP address access filtering on the camera. Users can now configure an IP access grant/block list from the camera's WebUI
- Added support for ONVIF Core Specification, Section 4.7, which enables a camera's GeoLocation to be stored on the camera. GeoLocation attributes can be set and retrieved from the camera using standard ONVIF specified operations
- Support added for TLS (Transport Layer Security) v1.3

Issues Fixed

- Addresses an important security issue. Avigilon customers are advised to take this upgrade

Version 3.30.0.96 - Released July 3, 2020

Issues Fixed

- Internal Manufacturing test fixes

Version 3.30.0.44 – Released Jan 4, 2020

New Features

- Allow the Subject Alternative Name to be set in the certificate signing request.
- Updated camera's webUI jQuery version.
- Added support for ethernet speed and duplex setting. The setting can be found in the 'Network' tab under Setup on the camera's WebUI.
- Added support to enable/disable Tamper detection. The setting can be found in the Tamper Detection tab under Setup on the camera's WebUI.

Version 3.28.0.82– Released Jun 4, 2019

New Features
- Fixed an issue where analytic event rules may be triggered on ACC when network connectivity is lost and restored to the camera.

Version 3.28.0.66– Released Apr 30, 2019

New Features
- Added support for ONVIF Profile T conformance.

Version 3.24.2.144 – Released Feb 1, 2019

New Features

- Added support for TLSv1.2 over 802.1x.
- Added support to allow camera hostname to start with a number.
- 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.

Issues Fixed
- 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 value 2, indicating the maximum number of concurrent streams available.
- Fixed an issue where the camera drops and restarts stream if the requesting host has the term "VLC" in its name.

Version 3.24.2.76 – Released May 29, 2018

New Features
- Added support for Unusual Motion Detection
- Added support for IPv6
- Added support for on screen overlay on secondary streams
- Allows use of external NTP server even when camera is connected to an ACC server

Issues Fixed
- Fixed an issue where camera framerate was limited when using idle scene mode with large secondary streams
- Fixed an issue where camera streams may de-synchrionize due to use of idle scene mode
- Fixed an issue where 802.1x authentication fails if a CA certificate is removed and deselecting authenticate server option

Version 3.16.0.234 – Released March 26, 2017

Issues Fixed

- Corrected an issue where cameras are reporting "pipeline restart" in the camera logs which may result in a short recording gap
- Corrected an issue where the image appears to be flickering or oscillating exposure

Version 3.16.0.208 – Released Sept 20, 2017

New Features
- Enables control over motion compensated temporal noise filter strength
- Improved image exposure and quality when IR is enabled and WDR is enabled

Issues Fixed
- Corrected an issue where highlight areas details were blown out in WDR mode
- Corrected an issue where brightness adjustments in WDR mode were leading to image degradation

Version 3.16.0.194 – Released August 18, 2017

- Corrects an issue where HDSM SmartCodec was not functioning even if enabled
- Initial firmware release for the following H4 Mini Dome cameras:

  o   1.3C-H4M-D1
  o   1.3C-H4M-D1-IR
  o   2.0C-H4M-D1
  o   2.0C-H4M-D1-IR
  o   3.0C-H4M-D1
  o   3.0C-H4M-D1-IR