

# Avigilon H4 Thermal Cameras Firmware Release Notes

## Version 4.16.0.44 – Released March 28, 2023

### New Features

- The Adaptive Detector Feature can now be enabled from the camera's WebUI

### Issues Fixed

- Fixes a potential issue that would cause the camera to disconnect from the VMS if pinged with jumbo-sized frames
- Resolves internal manufacturing issues

## Version 4.16.0.22 – Released May 18, 2021

### Issues Fixed

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

## Version 4.16.0.20 – Released April 21, 2021

### New Features

- Added support for Advanced Gain Control settings
  - To expose these settings click the checkbox labelled *Show Advanced Settings* which is found in the *Image and Display* tab of the camera's Web Interface
- Added the ability to suspend *Analytic Self Learning*
  - To suspend Analytic Self Learning, click the checkbox labelled *Suspend Self Learning* which is found in the *Analytics* tab of the camera's Web Interface

## Version 4.12.0.50 – Released March 7, 2021

### Issues Fixed

- Fixed an issue with the previous firmware version which may affect the performance of Self-Learning Video Analytics under certain conditions.

## Version 4.12.0.30 – Released December 14, 2020

### New Features

- Added support for edge storage and retrieval via Profile G conformance. Supported Profile G compliant VMSes can retrieve video recordings from the camera's SD card. Cameras that are upgraded to this firmware version will need to enable Profile G functionality from the WebUI. Enable Profile G option can be found in Setup > Storage tab. Refer to the web interface user guide to configure edge storage settings. Note: Once enabled, the "Enable Profile G" button will disappear.

# Avigilon H4 Thermal Cameras

## Firmware Release Notes

- Avigilon Control Center users require version 7.6 or later to support video retrieval functionality from the camera's SD card.
- Video playback is only supported for recordings in H.264 format. MJPEG videos can be stored on the SD card but cannot be retrieved by the VMS
- 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 HTTP Strict Transport Security (HSTS)
- Added a feature which enables the minimum allowed TLS (Transport Layer Security) version to be configured via the Network page in the camera's Webui. The minimum allowed version can be set to version 1.1 or 1.2, with the default being version 1.2. Support for version 1.3 added as well.

### Issues Fixed

- Fixed an issue where recording on motion events would sometimes not function correctly when the connection to Avigilon Control Center is interrupted

### Version 3.28.0.128 – Released September 19, 2019

- Initial firmware release for the following H4 Thermal VGA cameras:
  - 640S-H4A-THC-BO50
  - 640S-H4A-THC-BO24
  - 640S-H4A-THC-BO12

### Version 3.22.0.36 – Released February 2, 2018

- Corrects an issue with FW version 3.18.0.34 where the camera may reboot randomly. All users should update to this version.

### Version 3.22.0.34 – Released January 16, 2018

- Resolves a privilege escalation issue for operator and user accounts where HTTP or CGI commands are being executed as an administrator account. We highly recommend all users to update to this release.

### Version 3.22.0.32 – Released December 11, 2017

- Initial firmware release for the following H4 Thermal QVGA cameras:
  - 320S-H4A-THC-BO50
  - 320S-H4A-THC-BO24
  - 320S-H4A-THC-BO12