

# H5A PTZ & H5A IR PTZ Camera Line Firmware Release Notes

## Version 4.60.0.24 – Released May 30, 2023

### New Features

- A new option titled “No Smart Analytics” is available through the WebUI that allows the disabling of Smart Analytics functions (basic analytics will not be disabled)
- ONVIF Profile M is now supported

### Issues Fixed

- Resolves internal manufacturing issues
- Resolves an issue that could potentially cause issues when loading the WebUI on Mac-based Safari and Google Chrome browsers

## Version 4.50.0.24 – Released Feb 16, 2023

### Issues Fixed

- Resolves an issue that can cause the camera to enter a reboot loop when the "ONVIF compliant analytics metadata" is enabled on the camera web interface

## Version 4.50.0.20 – Released Dec 9, 2022

### New Features

- Auto-tracking functions and capabilities are now supported across all PTZ cameras
- Support for NTCIP standards is now enabled for both H5A PTZ & H5A IR PTZ
- Adds feature that allows for the ability to log out from the camera's Web UI
- Video Analytics Library has been updated to its latest version (16.2)

### Issues Fixed

- Resolves internal manufacturing issues
- Fixes an issue on 4.44.0.12 where a temporary network disruption to ACC or the NTP service may result in cameras not streaming to ACC, even when the network connection is restored
- Fixes a one-off issue where the camera may periodically restart when running older FW & ACC versions
- Fixes an issue that caused the info overlay to appear in the upper middle area of the frame instead of the upper left
- Fixes an issue that can cause an error message of pan limit to linger after washing sequence is executed

## Version 4.30.0.36 – Released November 24, 2022

### Issues Fixed

- Fixes internal manufacturing issues

## Version 4.30.0.34 – Released Sep 29, 2022

### Issues Fixed

- Fixes internal manufacturing issues

## Version 4.30.0.18 – Released Apr 18, 2022

## New Features

- Adds capability for user to specify the direction of true North on the Compass UI tab
- Allows camera to revert to factory defaults while keeping current network settings
- Allows the user to search through camera logs using a filter term
- About page now lists Video Analytics Library version number
- Web UI now supports unicode characters for tour names

## Issues Fixed

- Resolves a pertinent security issue
- Fixes an issue that can potentially cause the camera to not be able to pan/tilt and zoom simultaneously
- Fixes an issue that can potentially cause the zoom function to default to maximum speed
- Fixes an issue that can potentially cause the continuous tilt feature to behave unexpectedly
- Fixes an issue that potentially causes H.265 HDSM to take up more bandwidth than H.265 alone
- Fixes an issue that can potentially cause the camera to move slowly towards the preset position when the speed is set to zero
- Fixes an issue to ensure current zoom settings are recovered after rebooting

## Version 4.18.0.84 – Released Oct 1, 2021

### New Features

- Added the ability to disable the camera's WebUI and all non-ONVIF APIs
  - This can be done by clicking the *Disable non-ONVIF APIs* checkbox which is found in the *Disable WebUI* tab of the camera's WebUI
  - Once this change is applied the camera will return HTTP 403 for all endpoints **not** starting in /onvif/
  - This change can only be undone with a physical revert

### Issues Fixed

- Addresses an important security issue. Avigilon customers are advised to take this upgrade
- Fixes an issue where the camera could sometimes stop streaming intermittently
- Fixes an issue where false tamper alarms could sometimes be triggered during a tour
- Fixes an issue where a spider-web-like artifact could sometimes appear in between privacy zones
- Improvements made to night time vehicle detection accuracy

## Version 4.14.0.66 – Released April 5, 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
- Added support for FIPS L3 CryptR Card
  - If using FIPS 140-2 encryption, it is recommended to use Avigilon Control Center version 7.12.2 or later

## Version 4.11.0.50 – Released Dec 23, 2020

### Issues Fixed

- Fixed an issue where the camera could lose focus when Image Stabilization is enabled/disabled

### **Version 4.11.0.48 – Released Dec 10, 2020**

- Initial firmware release for the H5A PTZ Camera Line