

Avigilon HD H3 PTZ

Firmware Release Notes

Version 2.6.0.180 – Released July 23, 2021

Issues Fixed

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

Version 2.6.0.174 – Released Aug 9, 2019

New Features

- Added support to set Subject Alternative Name via ONVIF or as a part of the certificate signing request.

Version 2.6.0.170 – Released Nov 5, 2018

Issues Fixed

- TLSv 1.0 disabled to improve security.

Version 2.6.0.166 – Released October 4, 2017

Issues Fixed

- Improved stability in the presence of occasional communication errors.

Version 2.6.0.158 – Released July 11, 2017

New Features

- 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 2.6.0.150 – Released November 17, 2016

New Features

- Upgraded OpenSSL to v1.0.2h improve security between client and server.
- Added a feature where the maximum move speed of the PTZ can be configured.

Issues Fixed

- Fixed an issue where triggering a digital output would prevent the user from applying changes to Digital Inputs and Outputs settings in the WebUI.
- Fixed an issue where the NTP server would not revert to default settings when Restore Defaults is executed in the WebUI.

- Fixed an issue where the time zone and day light savings settings would not revert to default settings when Restore Defaults is executed in the WebUI.
- Fixed an issue where Kanji characters in the camera name would corrupt the time zone settings.
- Fixed an issue where configuring the camera to use a static IP address in the WebUI then back to DHCP would cause the camera to report the IP address in the wrong part of the ONVIF message.

Version 2.6.0.144 – Released October 1, 2016

Issues Fixed

- Fixed an issue so that back light compensation via ONVIF allows Mode and Level fields to be configured independent of one another.

Version 2.6.0.134 – Released April 6, 2016

Issues Fixed

- Fixed an issue where the camera would randomly reboot

Version 2.6.0.120 – Released March 11, 2016

Issues Fixed

- Fixed a time synchronization issue that appeared in some cameras

Version 2.6.0.108 – Released January 14, 2016

Issues Fixed

- Fixed an issue where zooming with a joystick would cause the ACC Server software to crash
- Fixed an issue where the camera WebUI misrepresented the saturations settings
- Fixed an issue where the status bar was missing from some WebUI pages
- Fixed an issue where the camera would reboot every 45 days
- Fixed an issue where configuring the camera to a static IP and back to DHCP in the WebUI would cause the camera to report the IP address in the wrong part of the ONVIF message.
- Camera now correctly switches between color and monochrome mode based on the appropriate ambient light levels

Version 2.6.0.104 – Released October 22, 2015

New Features

- Upgraded OpenSSL version to improve security between client and server

Issues Fixed

- Corrected the behaviour where the WebUI would appear to have started the upgrade but the upgrade was not actually triggered
- Fixed an issue with the WebUI where the icons under motion detection would not display properly
- Fixed a security issue where the 802.1x passwords were being returned in plaintext
- Fixed an issue where changing some camera settings would error out the camera
- Corrected an issue where a space character in the 802.1x description prevents it from being used
- Camera now reports correct secondary stream resolutions in MJPEG mode
- Fixed an issue where creating or saving a 802.1x configuration with “ character would prompt multiple login instances in the WebUI
- Corrected an issue where the pan limits could not be set properly
- Corrected the image resize behaviour where selecting the PTZ icon on the ACC Client toolbar would cause image artifacts.

Version 2.6.0.92 – Released May 25, 2015

Issues Fixed

- Corrected the ONVIF response as MotionActive for both Pull Message and Get Event Properties responses

Version 2.6.0.88 – Released April 21, 2015

Issues Fixed

- Corrected an issue where the camera would not go to the correct preset position

Version 2.6.0.86 – Released March 13, 2015

New Features

- Added an information display to report the current digital input status
- Added support for UTF-8 and UTF-32 characters in the camera name and location fields

Issues Fixed

- Corrected an issue where the camera would not zoom to a selected area
- Corrected the port range used for RTP / RTCP connections from 51000-63000 to 51000-55000
- Fixed a web server generic cookie injection and web server generic XSS vulnerability

- Corrected an audio issue where the audio stream would be garbled when audio stream is connected to two ACC servers simultaneously
- Corrected an issue where a Katakana name entered into the 802.1x UI may cause the camera to reboot

Version 2.6.0.68 – Released January 5, 2015

New Features

- Added an adjustable MTU setting

Issues Fixed

- Corrected issue where unwanted errors were being saved to the camera logs when a Web UI connection was opened

Version 2.6.0.54 – Released November 3, 2014

Issues Fixed

- Motion is no longer detected underneath a privacy mask
- Corrected issue where changing from 60Hz to 50Hz flicker control prevented additional privacy zones from being created
- Values can now be entered into the pan tilt limit in the Web UI configuration page
- Corrected issue where a PTZ would be forced to move to the first privacy zone when the privacy zone configuration page is loaded in Web UI
- Corrected an issue on Internet Explorer where the 'Apply' button would be clickable when no changes were made on the Web UI tour configuration section

Version 2.6.0.46 – Released September 8, 2014

New Features

- Added support for GB compliant mode of operation

Version 2.6.0.36 – Released July 4, 2014

Issues Fixed

- NTP configuration dialog controls fixed to properly reflect configured settings
- Switching 802.1x configuration when using certificate based authentication is now working
- Certain tour presents may become stuck or skip over certain positions

Version 2.6.0.32 – Released May 16, 2014

New Features

- 802.1x authentication support using PEAP and EAP-TLS

Issues Fixed

- When PoE is used incorrectly to power the camera, the camera will only stream but not reboot or move

Version 2.6.0.20 – Released March 26, 2014

New Features

- Increased maximum number of privacy masks to 64

Version 2.6.0.14 – Released December 24, 2013

New Features

- Smoother PTZ movement when fully zoomed in

Issues Fixed

- Improved responsiveness of WebUI interface
- Apply button on PTZ limits page on WebUI is enabled after a setting is changed

Version 2.4.4.36 – Released July 30, 2013

New Features

- Ability to stream from camera to an FFmpeg player
- Full resolution still image HTTP URI available in web interface when primary stream compression is MJPEG
- ONVIF Profile S conformant

Issues Fixed

- ONVIF support for move with a speed of zero command
- Improved backlight compensation range
- WebUI Apply button is only enabled if something is changed
- WebUI System page is refreshed after an upgrade/reboot/restart
- DHCP gateway displayed correctly in web interface

Version 2.4.4.20 – Released December 14, 2012

New Features

- Smoother zoom movements with improved focus tracking reducing auto-focus time in many conditions

- Motion detection is enabled with reduced sensitivity during auto-focusing after moving to a preset
- PTZ limits web user interface page improved
- ONVIF communication enhancements
- Multiple zoom speeds supported
- Extended browser support for web user interface

Issues Fixed

- Minimum focusing distance of camera increased to avoid potentially focusing on the bubble
- Potential issue running an empty tour is resolved
- Focus button functionality issue resolved
- Multiple issues related to mechanical limits are fixed
- Status LED behavior updated
- GetPtzStatus in ONVIF returns absolute coordinates in the correct [-1, 1] range for Pan/Tilt
- Minor issues with privacy zones are fixed
- Rare potential camera time-sync issue is resolved
- Genetec connection issue is resolved
- Presets per tour are limited to 100
- WebUI is now compatible with many older browsers
- Various web user interface issues resolved

Version 2.4.4.0 – Released August 31, 2012

New Features

- Initial release of firmware for the following HD PTZ cameras
 - 1.0W-H3PTZ-DP20
 - 2.0W-H3PTZ-DP20