

# Avigilon H.264 Analog Video Encoder Firmware Release Notes

## **Version 2.2.0.72 – Released Apr 16, 2018**

### *New Features*

- Added support for IPv6
- Added increasing login timeout for failed password attempts
- TLS v1.0 removed
- Self-signed certificate hash updated from SHA-1 to SHA-256
- Added option to authenticate server CA certificate for 802.1x

### *Issues Fixed*

- Fixes critical vulnerability CVE-2016-5195
- Fixes an issue where CA certificates could not be changed in an 802.1x profile
- Fixes an issue where IP addresses could not be set using Internet Explorer 11
- Fixes an issue where the MIB files fail validation

## **Version 2.2.0.60 – Released December 1, 2017**

Internal manufacturing release

## **Version 2.2.0.52 – Released July 11, 2017**

### *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 2.2.0.48 – Released July 20, 2016**

### *New Features*

- Upgraded OpenSSL version to improve security between client and server
- Added audio codec driver for WM8904
- Added SNMP support
- Maximum Transmission Unit (MTU) can be configured in the WebUI

## **Version 2.2.0.42 – Released August 24, 2015**

### *Issues Fixed*

- Fixed an issue where NTP server field would show blank

## **Version 2.2.0.40 – Released May 25, 2015**

### *Issues Fixed*

- Internal manufacturing changes only

## **Version 2.2.0.38 – Released Feb 20, 2015**

### *Issues Fixed*

- 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

### **Version 2.2.0.36 – Released July 20, 2014**

#### *Issues Fixed*

- Improved OSD menu controls for Panasonic WV-CS584 Analog PTZ

### **Version 2.2.0.32 – Released July 4, 2014**

#### *New Features*

- Added 802.1x port based authentication

### **Version 2.2.0.28 – Released Jan 27, 2014**

#### *Issues Fixed*

- Corrected zoom stop issue with PTZ on Kalatel protocol

### **Version 2.2.0.22 – Released April 30, 2013**

#### *New Features*

- Added support for JVC JCB PTZ protocol

#### *Issues Fixed*

- DHCP provided gateway properly displayed in web interface

### **Version 2.2.0.18 – Released February 2, 2013**

#### *Issues Fixed*

- Issue with video loss events from disconnected signals addressed
- GetSystemDataAndTime ONVIF call is checked for authentication if username is specified

### **Version 2.2.0.16 – Released December 14, 2012**

#### *New Features*

- Substantially reduced latency from video capture to display for analog PTZ cameras
- PTZ pattern execution support added to Kalatel protocol

#### *Issues Fixed*

- Potential camera time-sync issue resulting in a streaming error is resolved
- Pan/Tilt speed in Pelco-P and Pelco-D protocols is fixed
- Menu button support is removed from Kalatel protocol
- Frame-rate is not changed when encoder is rebooted without an analog camera connected
- Various web user interface issues resolved

### **Version 2.2.0.4 – Released February 27, 2012**

#### *New Features*

- Added Vicon protocol
- New PTZ control permission in web interface

*Issues Fixed*

- Reboot when using multiple speaker channels addressed

**Version 2.0.4.16 – Released November 10, 2011**

*New Features*

- Improved audio & video synchronization

**Version 2.0.4.6 – Released September 30, 2011**

*Issues Fixed*

- Displayed maximum frame rate display and resolution corrected for PAL cameras

**Version 2.0.4.4 – Released August 24, 2011**

*New Features*

- First release of Analog Video Encoder firmware