

Avigilon H.264 Analog Video Encoder Firmware Release Notes

Version 2.2.0.86 – Released July 31, 2021

Issues Fixed

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

Version 2.2.0.82 – Released May 21, 2020

New Features

- New cameras manufactured will have no default password and added a password strength meter

Version 2.2.0.80 – Released Oct 24, 2019

Issues Fixed

- Fixed an issue where the encoder may stop streaming for a short period of time if it receives large multipart HTTP requests such as those that may be initiated by security scanning tools.

Version 2.2.0.78 – Released Aug 9, 2019

New Features

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

Issues Fixed

- Reduced NTP time synchronization from peers

Version 2.2.0.76 – Released Jun 4, 2019

Issues Fixed

- Optimized performance to better the CPU utilization.

Version 2.2.0.74 – Released May 17, 2019

Issues Fixed

- Fixes an issue that may result in frame rates dropping.

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