



Avigilon™ ACC ES HD Recorder Firmware Release Notes

Version 1.2.0.10 (ACC Version 5.6.2.22) – Released on January 20th, 2016

Release Summary

The ACC ES HD Recorder includes a purpose-built version of ACC that has a feature set designed to support the deployment and management of recorders at multiple locations, as well as scale the number of recorders and cameras per location. Updates to ACC ES HD Recorder includes addition of PoE management interface, Digital I/O, and security fixes. Users should consider upgrading to this release in order to use the latest features and improve the system security. This firmware release is encrypted and requires a two-step upgrade process from version 1.0.6.2. Subsequent upgrades will be a one-step upgrade. Users upgrading from 1.0.6.2 should contact technical support to obtain the upgrade package.

New features released in release 1.2.0.10

- PoE management
 - Browser based PoE management interface is added with ability to change PoE budget for each port
 - Users can enable or disable port power as well as PoE+ capability for each port
- Digital I/O
 - Digital I/O terminals are enabled and can be configured through ACC Client Software
- Security fixes
 - SSLv3 access in browser based management interface is disabled
 - Multiple upgrades to browser based management interface to improve security
- Signed and Encrypted system firmware support
 - In order to prevent installation of unauthorized firmware on recorder, firmware files are now encrypted and signed

New features released in ACC 5.6.2.22

- Digital I/O terminals are enabled and can be configured through ACC Client Software
- Email notifications can now include JPEG image attachments

Known firmware issues in release

- PoE management
 - Non-PoE+ cameras are power cycled when unit restarts
 - Manually set budget values are not saved when power option is set to 'OFF'



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- PoE Budget for unpowered devices not correct after port power is turned ON
- Unpowered device power counted towards current budget
- Manual refresh is needed to update budget values
- Message is not updated with total current budgeted value when PoE option is powered off
- Browser based management interface
 - Users may lose ability to make changes on the PoE page when using Chrome browser if the "Prevent this page from creating additional dialogs" checkbox is checked
 - Browser based management interface is allowing ACC base port numbers that are not permitted. Port numbers under 1024 are considered restricted. User must enter a valid port number greater than 1024. Note that port number 38881 cannot be used as base port.
 - Setting the same static IP address for camera and corporate uplink ports will make browser based management interface inaccessible. A factory restore is required to restore the default IP address in order to access the recorder.
 - Browser based management interface may show port speed after port is disconnected from DHCP server and link status is reported as down. This occurs on camera and corporate uplink ports.
 - Firmware update buttons 'Upload' & 'Browse' are not disabled during firmware update
- Other
 - When downloading and installing ACC Client from the ACC ES HD Recorder's browser based management interface, users will be warned about the installer file's signature. The installer file included in this release is published by Avigilon and users should be confident to accept this installer despite the warning. The most recent ACC Client installer file can be retrieved from Avigilon's website if an installer with valid signature is required or preferred.
 - System might indicate that upgrade is complete before completion, when updating to this firmware version for the first time
 - Camera LAN Uplink receives an IP address that is different from default ZeroConfig IP address. When ACC Client is running on a computer connected to the ACC ES HD Recorder during boot up, the Recorder might acquire a ZeroConfig address that is not 169.254.100.100. In this case, the IP address acquired by the Recorder can be seen in the ACC Client.
 - Camera uplink port does not receive a new DHCP address when disconnected from a DHCP server and connected to a new DHCP server.
 - Damage occurs to Interlogix PoE switches when connected to PoE ports. Some Interlogix POE switch models may not appropriately handle power delivered via a



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connection to a POE port and therefore get damaged if a powered port from the switch is connected to an ACC ES HD Recorder's PoE port.

- PoE power budget can be exceeded on power-up when 4 PoE+ devices are connected at power up.



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Avigilon™ Camera FW Included

- V3.6.0.30 for HD H.264 H3 cameras with self-learning analytics
- V3.8.0.8 for HD Pro H.264 cameras
- V 3.2.0.34 for HD Multisensor cameras
- V2.6.0.104 for HD Micro Dome cameras
- V2.6.0.104 for HD PTZ cameras
- V2.6.0.100 for HD Bullet cameras
- V2.6.0.100 for HD H.264 H3 cameras
- V2.2.0.42 for H.264 encoders
- V.2.2.0.34 for HD H.264 cameras



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Version 1.0.6.2 (ACC Version 5.6.0.20) Released on July 30th, 2015 (continued)

Known firmware issues in release 1.0.6.2

- A security certificate warning will be displayed at the time of the first access to the browser based management interface.
- Camera LAN Uplink receives an IP address that is different from default ZeroConfig IP address. When ACC Client is running on a computer connected to the ACC ES HD Recorder during boot up, the Recorder might acquire a ZeroConfig address that is not 169.254.100.100. In this case, the IP address acquired by the Recorder can be seen in the ACC Client.
- When both Camera LAN Uplink and Corporate LAN Uplink ports are connected to networks with DHCP servers with DNS, Hostnames on local Camera LAN will not resolve.
- PoE browser based management interface does not allow user to set PoE budget for each port individually. Power budget is automatically set to the maximum power required by each device connected to the port.
- Digital I/O terminals are not enabled. The Digital I/O functionality will be enabled through a future firmware update.

Known ACC issues in release ACC 5.6.0.20

- Users that are not part of the default administrator group are sometimes not able to stop or restart PTZ tours. This has been an issue since ACC 5.6.
- The ACC Player and Client can crash when opening the Export screen on a computer that doesn't have any printers installed. This has been an issue since ACC 5.6.