



ACTi Video Encoder

Firmware Release Notes

A1D-600-H1.07.10-AC



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Firmware Version

Firmware Version: **A1D-600-H1.07.10-AC**

Release Date: 2025.9.24

Compatible Models: V21, V24

New Features

1. (H1.07.10) Added support for video and audio streaming over HTTPS via URL.
2. (H1.07.10) Added support for control sessions over HTTPS.
3. (H1.07.10) Added support for the file management page on non-IE web browsers.
4. (H1.07.10) Added support for RTSP playback rate control.
5. (H1.07.10) Added support for playback RTP streams over HTTP tunnel.
6. (H1.07.10) Added SAFIE cloud service functions for project request (disabled as default).
7. (H1.06.06) Support multiple web browsers, such as Google Chrome, Microsoft Edge and Apple Safari.
8. (H1.06.06) Support 324x240 resolution in NTSC and PAL standards.
9. (H1.04.09) The login account will no longer have the default password, and the camera/encoder will require a user to set a new password before access the camera/encoder or connecting it to any NVR servers for the first time.
10. (H1.04.09) HTTPS is enabled by default and supports built-in default self-signed certificate and private key.
11. (H1.03.52) Supported Q31 and Q33 camera models
12. (H1.03.20) Added ACTi DDNS service (mediacss.com, smmaas.com, vmsaas.com), please login ACTi DDNS (<https://portal.acti.com/>) to manager devices.
13. (H1.03.20) Supported more DDNS service (members.dyndns.org, www.ez-ip.net, www.penguinpowered.com, members.dhs.org,

update.ods.org, members.easydns.com, www.dyns.com,
www.zoneedit.com)

14. (H1.03.20) Supported sound detection event
15. (H1.02.30) Supported local storage function
16. (H1.02.30) Supported ONVIF
17. (H1.02.30) Supported IEEE 802.1X
18. (H1.02.30) Added GPS position setting by manually
19. (H1.01.08) Supported Joystick
20. (H1.00.07) NTSC/PAL auto detection
21. (H1.00.07) Supported Motion detection, Event handler and DI/DO.
22. (H1.00.07) Supported UPnP, Bonjour network protocols
23. (H1.00.07) Supported firmware upgrade via IE browser

Enhancements

1. (H1.06.06) Refine the RTP maximum payload size to support RTP UDP over VPN.
2. (H1.06.06) Change the length of the keys on https self-signed certificate to 2048 bits.
3. (H1.06.06) Pass the basic network scan using Nessus vulnerability scanner.
4. (H1.06.06) Support TLS 1.2 and disable TLS v1.0/v1.1.
5. (H1.05.07) Support Max. Bitrate Configuration in H.264 VBR mode.
6. (H1.05.07) Support SEND_AUDIO URL with audio/basic HTTP content-type.
7. (H1.05.07) Support changes of network configuration by device search protocol when admin password is not set.
8. (H1.04.10) Updated authentication mechanism for connecting the device first time by ACTi device search protocol to batch changing the devices' password conveniently.
9. (H1.04.09) Extended Host URL length from 63 to 127 characters.

10. (H1.04.09) Extended the number of preset points from 32 to 255 in PelcoD/PelcoP protocols.
11. (H1.04.09) Disable UPnP and Bonjour functions by default for security enhancement.
12. (H1.03.52) Updated the digital certificate on ActiveX.
13. (H1.03.52) Network protocol connection management enhancement.
14. (H1.03.52) Disable multicasting routing functions and not send IGMP query packets to avoid multicasting floods on the network.
15. (H1.03.20) Supported NTSC/PAL manual setting.
16. (H1.03.20) Supported OSD enable / disable setting on stream 2.
17. (H1.03.20) Removed marginal black strips from PAL video.
18. (H1.03.20) Added warning message for MS Edge.
19. (H1.02.30) Supported RTP over multicast of each channel.
20. (H1.02.30) Supported PCM for Audio-in/out.
21. (H1.02.30) Supported Video loss and recovery events.
22. (H1.02.30) Supported non IE browser including Chrome, Firefox, and Safari.
23. (H1.02.30) Power LED indication.

Issue Solved

1. (H1.07.10) Fixed RTP-over-HTTP streaming issues.
2. (H1.07.10) Fixed the issue that video resolution was set to 176×120 when configured to 320×240.
3. (H1.07.10) Fixed RTP-over-HTTP streaming issues.
4. (H1.07.10) Fixed an issue where the incorrect date/time was shown on the live view control bar.
5. (H1.07.10) Fixed the issue that Digital Output (DO) event configurations were not applied correctly and always followed Digital Input (DI) settings.

6. (H1.07.10) Fixed the issue that DO dwell time was not functioning in the event handler.
7. (H1.07.10) Fixed the issue that incorrect date and time were displayed in the OSD.
8. (H1.07.10) Fixed the issue that incorrect ONVIF motion event messages were generated.
9. (H1.07.10) Fixed the issue that input arguments were not correctly parsed in GET_CTRL_MSG.
10. (H1.07.10) Fixed the issue that a segmentation fault occurred when unsupported query types were used in V2_QUERYLS, QUERYLS, and GET_NEAR_EVENT.
11. (H1.05.07) Fix incorrect date/time on OSD.
12. (H1.05.07) Correct the ONVIF SetScopes command.
13. (H1.05.07) Fix Milestone integration issue.
14. (H1.03.53) Fixed the audio in and out problem on G.711A and G.711U.
15. (H1.03.20) PTZ function cannot stop via ONVIF with specific VMS software.
16. (H1.01.08) Remove the local storage from UI.
17. (H1.01.08) DO function cannot work with NVR.

Remark

1. PTZ control panel in web UI can configure up to 32 preset points and 32 preset tour points in a tour group. You can configure the additional preset points up to 256 by using PTZ URL command.

Supported Languages

Czech, Dutch, English, French, Hebrew, Hungarian, Italian, Japanese, Korean, Polish, Romanian, Russian, Spanish, Simplified Chinese and Traditional Chinese.

Supported Video Management System

For supported ACTi VMS list, please refer to

<http://www.acti.com/UnifiedSolution>

For supported Third-party Software Integration list, please refer to

<http://www.acti.com/3rdpartysoftware>

Download and Documentation

H1.07.10 has been officially released. The Firmware User Manual and Release Notes are available for download on ACTi website.

You may also visit ACTi Download Center for updates and documents

<http://www.acti.com/downloadcenter>

Support

If you have any question or need additional assistance, please feel free to contact our engineers via our **Customer Help Desk** platform

<http://www.acti.com/CHD>