



Firmware Release Notes

A1D-900-**A9.09.00**-AC



ACTi
Connecting Vision

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Firmware Version

Firmware Version: [A1D-900-A9.09.00-AC](#)

Release Date: 2025.09.04

Compatible Models: A29, A213, A410, A421, A425, A810, A817

New Features

1. (A9.08.04) Added 480x360 and 360x270 video resolutions.
2. (A9.07.01) Support ONVIF Profile M
3. (A9.06.00) Supported new models: A213
4. (A9.06.00) Support MacOS and Linux WEB browsers
5. (A9.05.03) Support 120fps high frame rate mode for 720p and 1080p on A29 and A425
6. (A9.04.02) Supported new models: A29
7. (A9.02.04) Supported new models: A410, A425, A810
8. (A9.02.04) Support People Line Crossing Detection, People Enter Area Detection, People Exit Area Detection, People Loitering Detection and Face Detection.
9. (A9.02.04) Support multiple web browsers, such as Google Chrome, Microsoft Edge and Apple Safari.
10. (A9.01.02) Support People and Car detections.
11. (A9.01.02) Add "Loss video streams" for TCP/RTP connections in event handling.
12. (A9.00.09) Add "Control Server Port" and "Streaming Server Port" settings in Web Configurator.
13. (A9.00.09) Add "Tampering detection" in event handling.
14. (A9.00.00) Supported new models: A421, A817

Enhancements

1. (A9.03.03) Support Motion detection and IVS setup functions across multiple web browsers.
2. (A9.03.03) Improve people/car detection accuracy

Issue Solved

1. (A9.09.00) Fixed the occasional flash boot issue.
2. (A9.09.00) Fixed the issue where executing Video Mirror/Flip may cause the system to be unstable.
3. (A9.09.00) Fixed the issue where URL commands with authentication (cmd) could not be executed in the browser.
4. (A9.07.01) Fixed tamper event failure in integration with Milestone IVS event handler.
5. (A9.05.03) Fixed manual IR LED level setting issue.
6. (A9.04.02) Fixed VLC player is unable to play videos from SD card when video compression is MJPEG.
7. (A9.04.02) Fixed A817 is showing black screen via web browser (Microsoft Edge is IE mode).
8. (A9.04.02) Fixed UTC time of ONVIF is incorrect when audio detection notification is triggered.
9. (A9.00.09) Zoom control issue

Removed

1. (A9.09.00) Removed the login function from the Web UI page.

Supported Languages

Czech, Dutch, English, French, Hebrew, Hungarian, Italian, Japanese, Korean, Mongolian, 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>

Remark

1. The Amazon Kinesis Video Streams function is available by event handler

- when camera is the AWS ready.
2. Please install required plugin to work across multiple browsers.
 3. Audio function is not supported with MacOS and Linux WEB browsers.

Download and Documentation

A9.09.00 is official released, the Firmware User Manual and Release Notes are available for download on ACTi.

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>