



Firmware Release Notes

A1D-504-**S1.05.01**-AC



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Firmware Version

Firmware Version: [A1D-504-S1.05.01-AC](#)

Release Date: 2020.10.13

Supported Models: B26, B43, B412, B419, B420, B421, B911, B912, B913, B915, B922, B923, B928, B943, E79, E710, E911, E912, E914

New Features

1. (S1.05.01) Support ONVIF Profile T, including Secure Streaming, Motion Detection Configurations and OSD Configurations.
2. (S1.05.01) Support auto-flip function on mini PTZ cameras.
3. (S1.04.09) Add tamper configurations to adjust the sensitivity of tamper detection.
4. (S1.04.09) Add the option to enable or disable HTTP server service for camera's web page.
5. (S1.03.06) Support ONVIF Profile Q and pass the ONVIF Device Test Tool v19.06.
6. (S1.03.06) The login account will no longer have the default password, and the camera will require a user to set a new password before access the camera or connecting it to any NVR servers for the first time.
7. (S1.03.06) Add "Show Password" function on the account setup page.
8. (S1.02.56) Support H.265 on ONVIF integration
9. (S1.02.56) Support four regions privacy mask for camera with fixed or vari-focal lens
10. (S1.02.56) Support Image Rotation (90, 270, disable)
11. (S1.02.56) Added "Stable Time Interval" setting in Digital Input of Event Configuration to make the camera to send the DI trigger event when the DI state of the camera is changed to active state and stays active state for the "Stable Time Interval" time.
12. (S1.02.56) Added runtime DI status on web configurator and by URL command.
13. (S1.02.56) Added "Repeat Time Interval" setting for digital input, Fail to Write Storage, Remove Storage Media and schedule events to send the triggered events by the repeat time.
14. (S1.02.56) Support Tampering detection
15. (S1.02.56) Supported new models: B42, B43, B419, B420, B421, B612, B89,

- B911, B912, B913, B915, B922, B923, B928, B943, E79, E912, E914, Q251
16. (S1.01.30) Supported new models: B26, B412
 17. (S1.01.30) Supported H.265 Main profile
 18. (S1.01.30) Supported WDR
 19. (S1.01.30) Supported defogging function
 20. (S1.01.30) Supported “Auto Firmware Upgrade” function, camera can be upgraded firmware from local computer or from ACTi download center through internet service provider.
 21. (S1.01.30) Supported switching color or monochrome video of camera by URL command “IMAGE_COLOR_MODE”.
 22. (S1.01.30) Supported GPS manual setting
 23. (S1.01.30) Supported ACTi DDNS
 24. (S1.01.30) Supported HTTPS streaming
 25. (S1.01.30) Supported SMTP, FTP protocol
 26. (S1.01.30) Supported IEEE 802.1x EAP Protocol V3
 27. (S1.01.30) Supported ONVIF Profile S and Profile G
 28. (S1.01.30) Supported Text Overlay
 29. (S1.01.30) Supported motion regions up to 10 (9 polygon regions or 1 excluded region)
 30. (S1.01.30) Supported shock detection
 31. (S1.01.30) Supported MicroSDHC and MicroSDXC local storage function
 32. (S1.01.30) Supported event handler function
 33. (S1.01.30) Supported event response to play the audio file. The format of audio file is .WAV file with PCM, 16-bit, 8KHz sampling rate, and the maximum file size is 256 KB.
 34. (S1.01.30) Supported reliable streaming for uploading video and audio to NVR server in event handler function. The function is available on the camera with local storage function and MicroSD card is required.
 35. (S1.01.00) Supported new models: E710, E911

Enhancements

1. (S1.05.01) Update ActiveX control as higher version
2. (S1.04.09) Security enhancement on URL commands
3. (S1.04.09) The password length requirement for user’s account is 6 to 63 characters for password guessing and security enhancement.
4. (S1.04.09) Compatible with IP Utility v5.0.0.4 and newer versions, to be able to set root password and change network configurations without root login for

conveniently installing IP camera in the networking environment without DHCP server.

5. (S1.04.09) Support upcenter and downcenter positions on OSD.
6. (S1.03.06) HTTPS is enabled by default, and supports built-in default self-signed certificate and private key.
7. (S1.04.09) Support move limit functions to all speed dome and mini PTZ cameras
8. (S1.03.06) Extended Host URL length from 63 to 127 characters.
9. (S1.02.56) Add minimum object size setting on text field in motion detection WEB page.

Issue Solved

1. (S1.05.01) Motion detection fails when some of parameters were changed.
2. (S1.04.09) Fix the user level accounts will be reset when the camera is rebooted.
3. (S1.04.09) Fix the ONVIF and third-party VMS integration issues.

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. When public SMTP server listed in SMTP Server Configuration page is used, some settings will be fixed and not editable except email account and password.
2. ANS (ACTi Notification Services) is ACTi's implementation of Amazon SNS

through the usage of ACTi's server domain and ACTi's member center accounts. Please contact us for more information regarding Notification Services.

3. The camera will stop playing audio packets from network when the event response is working on playing the audio file.

Download and Documentation

S1.05.01 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>