

AI-Box1 Firmware Release Note

Release Date	Version	Description	Note
2026/9/7	V1.16.19	New Features 1. Add AI-BOX1 can output RTSP stream. 2. Add Conversation Mode (Beta Version) 3. Added support camera for the VC-B50U & VC-R32 4. Added upload room layout image to Mapping Overview 5. Added support for Shure MXA320. Improvements 1. Supports trigger volume adjustment with Shure microphones: MXA920, MXA710, MXA320. 2. Improve HDMI output latency 3. Supports Televic D-Cerno AE (up to 150 discussion units) 4. Remove Web Viewer Login 5. Encrypted and secure signed firmware 6. Custom passwords now support special characters Bug Fixes 1. Fixed Yamaha RM-CG trigger volume setting error 2. Fixed bug with Shure MXA710 microphone	Because of adding digital signature feature, please note that after upgrading to version 1.16.19, downgrading FW version via webpage will be impossible.
2026/3/30	V1.14.19	New Features 1. Enhanced support for converting UAC Reference Audio Input to Dante audio. 2. Consolidated multi-microphone configuration within a single Zone setting page. 3. Able to manual adding dual-lens panoramic stream to the camera list. 4. Enabled support for Preset Free tracking mode when paired with BC-200. Improvements 1. Improved sound localization accuracy by allowing adjustments based on microphone	

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		installation height and human voice height. 2. Optimized the calibration workflow for BC-200 when paired with AI-BOX1. 3. Temporarily removed Intelligent Director to ensure system stability; this feature will be restored in a future release.	
2025/11/13	V1.13.19	New Features 1. Added support for Audio-Technica ATUC-50. 2. Added support for Televic D-Cerno AE via HTTPS. 3. Added support for Dante Ready. (Dante AV-H image only) (Dante audio can be converted to UAC.) Improvements 1. An account and password are now required when logging in. 2. When using the GUI for control, the system controller and web interface are not controllable. Bug Fixes 1. Fixed an issue where Conversation Mode could not be entered properly after a period of sound inactivity.	
2025/7/18	V1.12.14	New Feature 1. Added support for Shure MXA920 in Zone Mode (Coordinate). Improvements 1. Zone rectangle area in Zone Mode can now be freely adjusted to irregular shapes. 2. Optimized audio source detection display mechanism: Orange light indicates that the sound is detected but the trigger condition has not been met; Green light indicates that the trigger condition has been met and the camera preset action has been triggered. 3. Added support for 1~4 auxiliary camera (BC-200) working with a single microphone. 4. Improved camera list UI on the web interface. 5. Improved response speed when connecting supported USB cameras.	

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		6. Renamed "AI-Director" to "Intelligent Director" Bug fixes 1. Resolved connection issues with the Shure microphone series. 2. Fixed the delay issue with detected audio points.	
2025/05/29	V1.11.23	New Features 1. Added support for the VC-TR61 camera. 2. Added support for Televic D-Cerno AE system, Shure P300. 3. Sennheiser TCC2 and TCCM now support zone mode function. 4. Added support for Traditional and simplified Chinese language in the UI. 5. Added support for Audio-Technica:ATND1061 zone mode function. Improvements 1. Improved the audio algorithm to ensure better performance when connecting multiple microphones. 2. Enhanced the trigger mechanism and expanded the time range options for Reference audio. 3. Remove User settings for a cleaner interface. 4. More time range options for the Back to Home function. 5. Improved the preset calling speed for cameras. Bug fixes 1. A warning message will now appear when an incorrect firmware update file is selected. 2. Fixed an issue from Reference Audio where it cannot go to home position properly.	
2025/02/13	v1.10.19	New Features 1. Supports OIP series RTSP streaming. 2. Support virtual keyboard. 3. Enable Zone Area functionality in Yamaha RM-CG. Improvements	

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		1. Support Microphone reconnect mechanism. 2. Switch profile without turning off the AI-Box1. 3. "Disk Check" moved to setting page. 4. Add (Beta) Audio-Technica: ATND1061 (Coordinate).	
2024/12/09	V1.9.28	New Feature 1. Support "AI Director" Function. 2. Support secondary camera setting. 3. Support Yamaha RM-CG (Coordinate). 4. Support reference audio setting to filter the unnecessary sound. 5. Support Auxiliary camera setting (BC-200). ※BC-200 is option accessory and expects to be available on Q1 2025. 6. Support Lumens Virtual Mic for demo purpose. Improvements 1. Add 1 by 3 Layout mode. 2. Remove "L/R Direction" setting. 3. Add Disk Check to monitor the read/load status.	
2024/07/15	V1.8.31	New Feature 1. Support multiple profile to save and load. 2. Support YAMAHA RM-TT microphone. 3. Support YAMAHA RM-CR microphone. 4. Support AI tracking per "Preset No." 5. Support "Source Position" layout setting on webpage. 6. Yamaha RM-CG supports Exclusion Mode. 7. Add System Configure function to import or export system settings. 8. Add "Error Notification" to enable / disable the error notification for HDMI output. 9. Support TCP/UDP/HTTP/HTTPS Protocols.	

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		Improvement 1. Support using "Camera group" for voice tracking when connecting with Audio-Technica ATND1061LK. 2. Improve the Extron connection issue. (when the AI-Box1 executes the "load profile" function, it causes Extron to be unable to connect to the AI-Box1 for approximately 2 minutes) 3. Reconnect cameras if AI-Box detect the lost connection. 4. AI-Box1 & camera connection improvement. 5. Optimization of Boot Process. 6. Improve the reconnect process with Nureva microphone. Bug Fixed 1. Bug fixed that AI-Box1 reboots randomly. 2. Bug fixed that AI-Box1 with RM-CG & RM-W back to home feature is not working. 3. Bug fixed that USB drop issue with Lenovo MTR. 4. Bug fixed that USB may lost connection after 17 hours use	
2024/03/04	V1.7.18	New Feature 1. Support Audio-Technica ATND1061LK. 2. Support YAHAMA RM-CR(Beta). 3. Support YAHAMA RM-TT(Beta). 4. Support Nureva HDL410(Coordinate) Zone preset. 5. Support changing source layout during Video output. 6. Support viewing the setting items during Video output. 7. Add OTA Auto Check switch. Improvement 1. Webpage UI improvement. 2. HDMI GUI improvement.	

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		Bug Fixed 1. Fixed that VC-TA50 Pan Tilt control slow issue. 2. Fixed that AI-Box1 may restart when using Nureva remote to mute HDL system.	
2024/01/22	V1.6.12	Improvement 1. Improve the stability when using webpage Offline FW update. Bugs Fixed 1. Fixed that CamConnect Pro may not be detected by PC. 2. Fixed that no video output after enable UVC output. 3. Fixed that enable UVC output for a while, unit may crash and no image from HDMI/UVC.	
2023/11/07	V1.6.8	New Feature 4. Support Shure MXA710. 5. Support Nureva Dual HDL300. 6. Support Yamaha RM-W series (Wireless Desktop Microphone). 7. Support cameras can be adjusted the position when selecting PBP/ cross / crop layout. 8. Support webpage offline firmware update. Improvement 1. Remove mouse symbol if no mouse is connected. 2. Add "System Startup Waiting Time" function to adjust auto search timing to search cameras after AI-Box1 power on. Bugs Fixed 1. Bug fixed that Nureva HDL410 lost connection.	

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2023/10/06	V1.5.6	New Feature 1. Support Audio-Technica ATND1061DAN 2. Support Shure Microflex® Complete Wireless (MXCW) system 3. Add more preset for one array microphone 4. HDMI & UVC both output from AI-Box1 (GUI only) Improvement 1. Fan noise issue improvement. 2. PTZ control & AI Setting UI improvement (GUI only) 3. Add Delete icon to remove disconnected cameras from camera list. 4. When cameras are disconnected, previous camera setting on preset will not be removed 5. Trigger Time add 0.3 Sec / 0.1 Sec Bugs Fixed 1. When camera is disconnected, video output will show "No Signal" 2. Shure MXA310 lost connection issue 3. Device name will be recognized as "CamConnect Processor"	
2023/9/12	V1.4.5	New Feature 1. Added support for the new microphone - Sennheiser TCCM. 2. Netmask now supports custom settings. 3. Added MAC ID information to the webpage and GUI. Bugs Fixed 1. Fixed an issue where AI-Box1 firmware couldn't be updated when a static IP was set. 2. Fixed the P/T control issue with VC-A61P where the camera would abnormally return to the home position. 3. Fixed the problem where UVC output would display no image when the AI-Box1 USB cable was unplugged and then re-plugged. 4. Fixed the issue where UVC output might stop after playing for an extended period of	

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2023/08/04	V1.3.5	New Feature and Improvement 1. Support ONVIF to search AI-Box1. 2. Support change the camera name. 3. Support import and export setting config file. 4. Improve the Camera status to be on and off. 5. Improve voice mapping setup by giving more information on estimation angle. Bugs Fixed 1. Fixed VC-BC series only trigger preset once. 2. Fixed Nureva display wrong port after switch device. 3. Fixed issue on fail to login webpage on specific IP. 4. Fixed [Back to home] perform wrong home position. 5. Fixed re-plug USB display black image when enable UVC output. 6. Fixed [Auto-connection] does not find the camera after reboot. 7. Fixed RJ45 trigger auto reboot when outputting USB. 8. Fixed [L/R Direction] does not apply to Pan Motion.	
2023/07/07	V1.2.7	First version	

