

# AI-Box1 Firmware Release Note

Release Date	Version	Description	Note
2025/02/13	v1.10.19	<p><b>New Features</b></p> <ol style="list-style-type: none"> <li>1. Supports OIP series RTSP streaming.</li> <li>2. Support virtual keyboard.</li> <li>3. Enable Zone Area functionality in Yamaha RM-CG.</li> </ol> <p><b>Improvements</b></p> <ol style="list-style-type: none"> <li>1. Support Microphone reconnect mechanism.</li> <li>2. Switch profile without turning off the AI-Box1.</li> <li>3. "Disk Check" moved to setting page.</li> <li>4. Add (Beta)Audio-Technica:ATND1061(Coordinate).</li> </ol>	
2024/12/09	V1.9.28	<p><b>New Feature</b></p> <ol style="list-style-type: none"> <li>1. Support "AI Director" Function.</li> <li>2. Support secondary camera setting.</li> <li>3. Support Yamaha RM-CG(Coordinate).</li> <li>4. Support reference audio setting to filter the unnecessary sound.</li> <li>5. Support Auxiliary camera setting (BC-200).</li> </ol> <p>※BC-200 is option accessory and expects to be available on Q1 2025.</p> <ol style="list-style-type: none"> <li>6. Support Lumens Virtual Mic for demo purpose.</li> </ol> <p><b>Improvements</b></p> <ol style="list-style-type: none"> <li>1. Add 1 by 3 Layout mode.</li> <li>2. Remove "L/R Direction" setting.</li> <li>3. Add Disk Check to monitor the read/load status.</li> </ol>	
2024/07/15	V1.8.31	<p>New Feature</p> <ol style="list-style-type: none"> <li>1. Support multiple profile to save and load.</li> <li>2. Support YAMAHA RM-TT microphone.</li> <li>3. Support YAMAHA RM-CR microphone.</li> </ol>	

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		<p>4. Support AI tracking per "Preset No."</p> <p>5. Support "Source Position" layout setting on webpage.</p> <p>6. Yamaha RM-CG supports Exclusion Mode.</p> <p>7. Add System Configure function to import or export system settings.</p> <p>8. Add "Error Notification" to enable / disable the error notification for HDMI output.</p> <p>9. Support TCP/UDP/HTTP/HTTPS Protocols.</p> <p>Improvement</p> <p>1. Support using "Camera group" for voice tracking when connecting with Audio-Technica ATND1061LK.</p> <p>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)</p> <p>3. Reconnect cameras if AI-Box detect the lost connection.</p> <p>4. AI-Box1 &amp; camera connection improvement.</p> <p>5. Optimization of Boot Process.</p> <p>6. Improve the reconnect process with Nureva microphone.</p> <p>Bug Fixed</p> <p>1. Bug fixed that AI-Box1 reboots randomly.</p> <p>2. Bug fixed that AI-Box1 with RM-CG &amp; RM-W back to home feature is not working.</p> <p>3. Bug fixed that USB drop issue with Lenovo MTR.</p> <p>4. Bug fixed that USB may lost connection after 17 hours use</p>	

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2024/03/04	V1.7.18	<p><b>New Feature</b></p> <ol style="list-style-type: none"> <li>1. Support Audio-Technica ATND1061LK.</li> <li>2. Support YAHAMA RM-CR(Beta).</li> <li>3. Support YAHAMA RM-TT(Beta).</li> <li>4. Support Nureva HDL410(Coordinate) Zone preset.</li> <li>5. Support changing source layout during Video output.</li> <li>6. Support viewing the setting items during Video output.</li> <li>7. Add OTA Auto Check switch.</li> </ol> <p><b>Improvement</b></p> <ol style="list-style-type: none"> <li>1. Webpage UI improvement.</li> <li>2. HDMI GUI improvement.</li> </ol> <p><b>Bug Fixed</b></p> <ol style="list-style-type: none"> <li>1. Fixed that VC-TA50 Pan Tilt control slow issue.</li> <li>2. Fixed that AI-Box1 may restart when using Nureva remote to mute HDL system.</li> </ol>	
2024/01/22	V1.6.12	<p><b>Improvement</b></p> <ol style="list-style-type: none"> <li>1. Improve the stability when using webpage Offline FW update.</li> </ol> <p><b>Bugs Fixed</b></p> <ol style="list-style-type: none"> <li>1. Fixed that CamConnect Pro may not be detected by PC.</li> <li>2. Fixed that no video output after enable UVC output.</li> <li>3. Fixed that enable UVC output for a while, unit may crash and no image from HDMI/UVC.</li> </ol>	

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2023/11/07	V1.6.8	<p><b>New Feature</b></p> <ol style="list-style-type: none"> <li>4. Support Shure MXA710.</li> <li>5. Support Nureva Dual HDL300.</li> <li>6. Support Yamaha RM-W series (Wireless Desktop Microphone).</li> <li>7. Support cameras can be adjusted the position when selecting PBP/ cross / crop layout.</li> <li>8. Support webpage offline firmware update.</li> </ol> <p><b>Improvement</b></p> <ol style="list-style-type: none"> <li>1. Remove mouse symbol if no mouse is connected.</li> <li>2. Add "System Startup Waiting Time" function to adjust auto search timing to search cameras after AI-Box1 power on.</li> </ol> <p><b>Bugs Fixed</b></p> <ol style="list-style-type: none"> <li>1. Bug fixed that Nureva HDL410 lost connection.</li> </ol>	
2023/10/06	V1.5.6	<p><b>New Feature</b></p> <ol style="list-style-type: none"> <li>1. Support Audio-Technica ATND1061DAN</li> <li>2. Support Shure Microflex® Complete Wireless (MXCW) system</li> <li>3. Add more preset for one array microphone</li> <li>4. HDMI &amp; UVC both output from AI-Box1 (GUI only)</li> </ol> <p><b>Improvement</b></p> <ol style="list-style-type: none"> <li>1. Fan noise issue improvement.</li> <li>2. PTZ control &amp; AI Setting UI improvement (GUI only)</li> <li>3. Add Delete icon to remove disconnected cameras from camera list.</li> <li>4. When cameras are disconnected, previous camera setting on preset will not be removed</li> <li>5. Trigger Time add 0.3 Sec / 0.1 Sec</li> </ol> <p><b>Bugs Fixed</b></p> <ol style="list-style-type: none"> <li>1. When camera is disconnected, video output will show "No Signal"</li> </ol>	

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		<ul style="list-style-type: none"> <li>2. Shure MXA310 lost connection issue</li> <li>3. Device name will be recognized as "CamConnect Processor"</li> </ul>	
2023/9/12	V1.4.5	<p><b>New Feature</b></p> <ul style="list-style-type: none"> <li>1. Added support for the new microphone - Sennheiser TCCM.</li> <li>2. Netmask now supports custom settings.</li> <li>3. Added MAC ID information to the webpage and GUI.</li> </ul> <p><b>Bugs Fixed</b></p> <ul style="list-style-type: none"> <li>1. Fixed an issue where AI-Box1 firmware couldn't be updated when a static IP was set.</li> <li>2. Fixed the P/T control issue with VC-A61P where the camera would abnormally return to the home position.</li> <li>3. Fixed the problem where UVC output would display no image when the AI-Box1 USB cable was unplugged and then re-plugged.</li> <li>4. Fixed the issue where UVC output might stop after playing for an extended period of time.</li> </ul>	
2023/08/04	V1.3.5	<p><b>New Feature and Improvement</b></p> <ul style="list-style-type: none"> <li>1. Support ONVIF to search AI-Box1.</li> <li>2. Support change the camera name.</li> <li>3. Support import and export setting config file.</li> <li>4. Improve the Camera status to be on and off.</li> <li>5. Improve voice mapping setup by giving more information on estimation angle.</li> </ul> <p><b>Bugs Fixed</b></p> <ul style="list-style-type: none"> <li>1. Fixed VC-BC series only trigger preset once.</li> <li>2. Fixed Nureva display wrong port after switch device.</li> <li>3. Fixed issue on fail to login webpage on specific IP.</li> <li>4. Fixed [Back to home] perform wrong home position.</li> <li>5. Fixed re-plug USB display black image when enable UVC output.</li> </ul>	

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		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	

