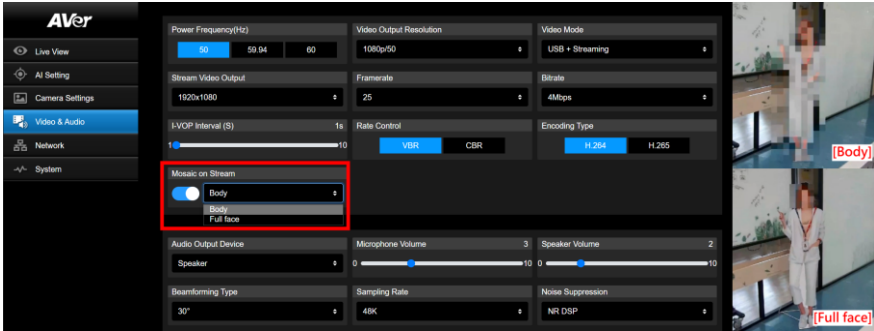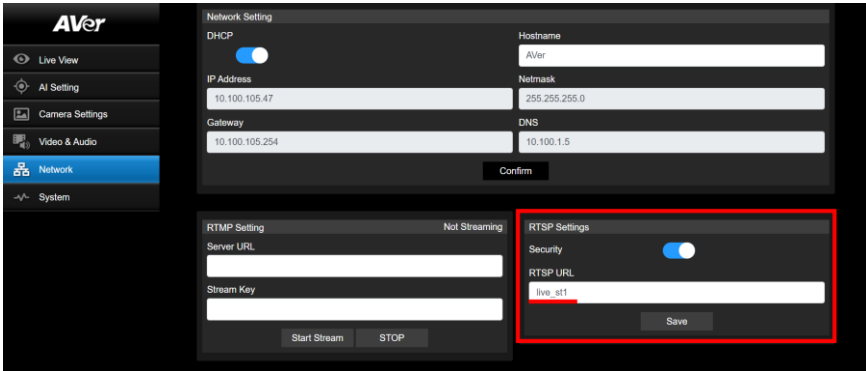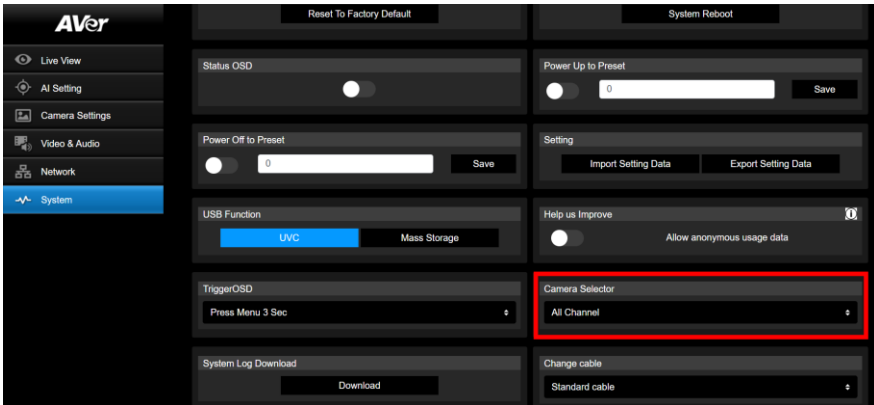# Release note

Product : MD330U/MD330UI

- You need to press and hold [Menu] button on the RC to trigger OSD after FW 1.1.1027.0
- If firmware needs to downgrade, the oldest can only be rolled back to FW 1.1.1017.0
- If current firmware under 1.1.1016.0 (include) , must first upgrade the FW to 1.1.1017.0 , then update again to FW 1.1.1030.0 and above.

FW version	1.1.1041.0
Release date	2024/3/5
New feature	1. **Support EPIC ECAL** Camera IP URL for EPIC system would be https://ip/html/ecal.html Based on the requirements of EPIC ECAL, we have preset an HTTPS certificate in the device and strongly recommend that customers replace HTTPS certificate with their own when using
Improvement	1. **Improve Eyes Tracking** Fix the tracking issue that occurs in Eyes Tracking under certain conditions. 2. **Optimize UX on Web UI** Buttons on the web interface will have color feedback when pressed.

FW version	1.1.1037.0
Release date	2023/10/26
New feature	**2. Support mosaic (pixelated) on face/body in RTSP for Privacy**

2. Support mosaic (pixelated) on face/body in RTSP for Privacy

The camera can now auto detect "Faces" or "Bodies" in the view and mosaic on RTSP

WebUI >> Video & Audio >> Mosaic on Stream >> Body/Full face

3. Support Custom RTSP Settings

WebUI >> Network >> RTSP Settings

RTSP Sample :   rtsp://account:passwd@device_ip/rtsp_url

4. Support PELCO-D & PELCO-P Camera Control Protocol (RS-232)

5. Now you can set the camera RC channel on WEB UI

WebUI >> System >> Camera Selector

6. Support more options to overwrite the setting when Importing Setting Data

WebUI >> System >> Setting >> Import Setting Data

Check the [User Account] , [Network Setting] if you want to overwrite
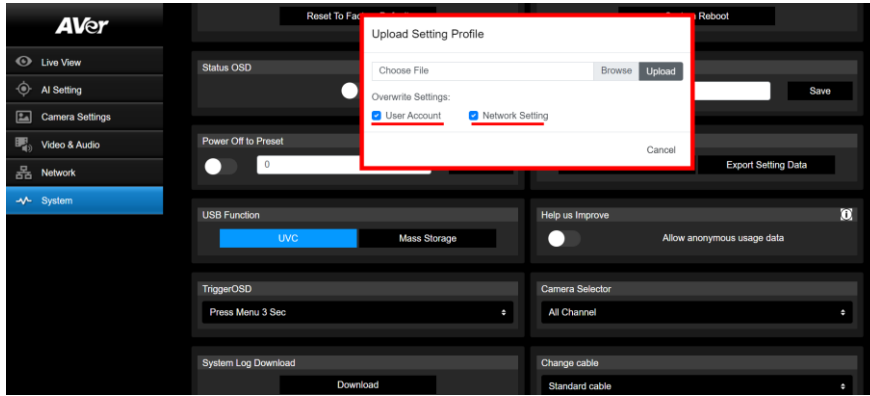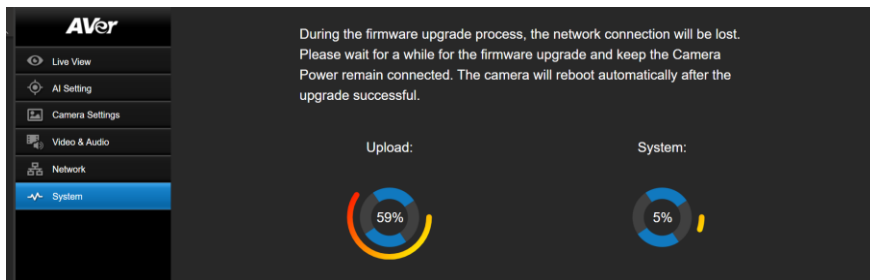
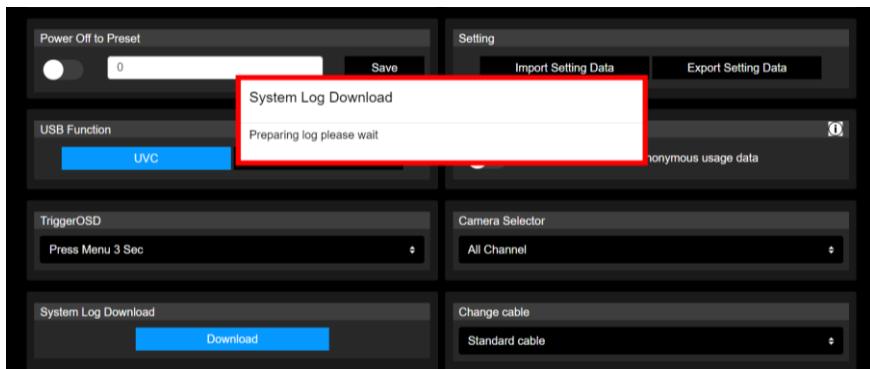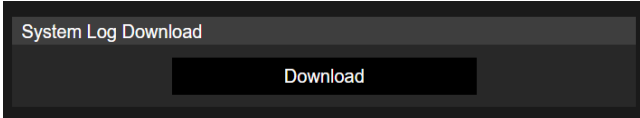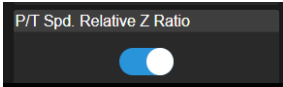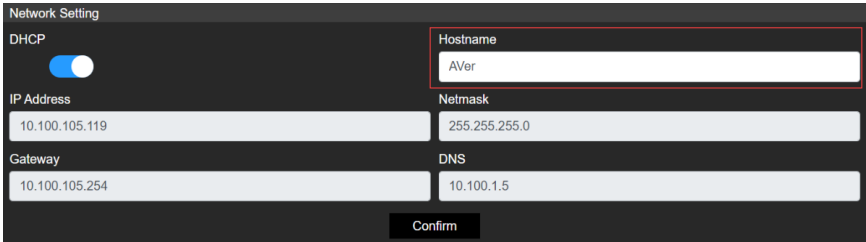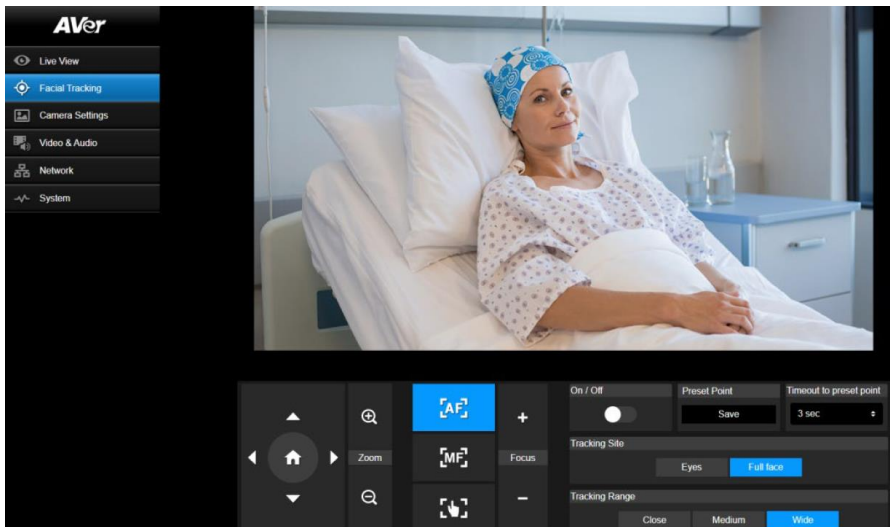|		
Improvement	3.	**Improve auto focus in handhold mode**
		Now, slight hand shaking will not trigger refocusing, which greatly reduce the AF hunting.
	4.	**Optimize the firmware update UI**
		You can now clearly see the current progress of the update.
	5.	**Optimize user flow when download log**
		A prompt window will pop up when the UI is temporarily frozen due to downloading logs.

Release note

Product : MD330U/MD330UI

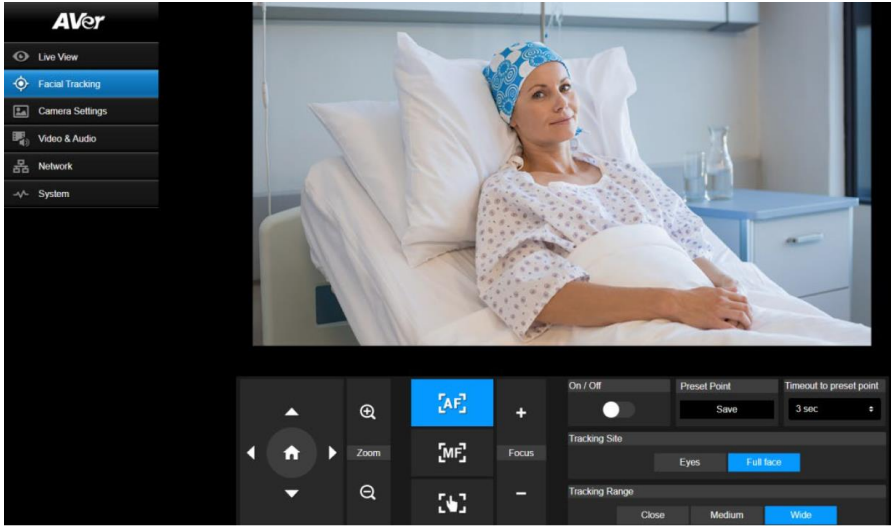| FW version	1.1.1035.0
Release date	2023/7/25
New feature	1. **Support Log download from web UI** Web UI >>> System >>> System Log Download >>> click [Download] System Log Download Download 2. **Now Pan/Tilt ratio would auto adjust depend on current Zoom ratio by default** This change would make the operate handier and avoids over pan/tilt you can ON/OFF this function in Web UI >>> Live View >>> P/T Spd. Relative Z Ratio P/T Spd. Relative Z Ratio 3. **Support Hostname on MSFT DNS server for better device management** web UI >>> Network >>> Hostname, set the camera hostname and click [Confirm] Network Setting DHCP Hostname: AVer IP Address: 10.100.105.119 Netmask: 255.255.255.0 Gateway: 10.100.105.254 DNS: 10.100.1.5 Confirm
Improvement	**1. Improve the performance of AEC and NR** We recommend all users with bidirectional dialog needs update to this version. **2. Improve system stability and auto focus speed.** **3. Set camera to autofocus (AF) when Facial/Eyes Tracking is enabled.** **4. Solve occasional reboot in cruise mode over long time.**

Release note

Product : MD330U/MD330UI

FW version	1.1.1032.0
Release date	2023/6/16
New feature	5. **All current users can get AI Facial Tracking by updating FW 1.1.1032.0** Cameras are able to auto track and focus to the patient's eyes or full face without manual PTZ would greatly improves the convenience of remotely viewing the patient. Please refer to the user manual. 6. **Add Remote controller Hotkey** - Press 5 for five times (55555) to turn on DHCP - Press 6 for six times (666666) to factory default - Press 8 for eight times (88888888) set IP to default (192.168.1.168) 7. **Add audio volume/mute messages to OSD status** 8. **Support Camera Setting Tool(v1.3.2086.0 and later) for more functions** - IR/LED control , Reboot , Privacy , Noise Reduction , Offline FW Update 9. **Support CGI command to get 4K snapshot over WebUI** 10. **AI body detection** As auxiliary function for third party application. when body detect is turned on , can use API to get humanoid body coordinate that detected by the MD330.
Improvement	1. **More Remote controller (RC) options to prevent false triggering on site:** You can now disable RC control except factory default hotkey: - Step1. Power on and connect the camera - Step2. Use OSD and set : System >> Camera Selector >> Disable Remote - Step3. Camera will ignore all signals from RC (except factory default combo key) To resume RC control: - Use hot key 666666 (press 6 , six times) on RC to set camera to factory default 2. **Beep when snapshot is successful**

	would trigger a beep on device speaker when the snapshot is successful
	3. **Fix the occasional upload failure that occurs on PTZ Management in poor internet connection.**
	4. **Avoid video conferencing software, such as Microsoft Teams or Google Meet, from muting the camera when it deems the received volume too high.**

Release note

Product : MD330U/MD330UI

FW version	1.1.1027.0
Release date	2023/3/27
New feature	**1. System reboot button on OSD / Web UI** When device crashes or accidentally bumped, the PTZ position can be corrected by reboot. **2. AI Facial Tracking** Cameras able to auto track and focus to the patient's eyes or full face without manual PTZ would greatly improves the convenience of remotely viewing the patients. and for this Function would go with staged rollout: <u>**First Phase (now):**</u> ONLY the device that unbox with FW1.1.1027. would have AI Facial Tracking built-in. current users or inventory can't get <AI Facial Tracking> by update FW to 1.1.1027. <u>**Second Phase (next fw update):**</u> All current users can get AI Eyes Tracking function by updating Next FW

Improvement	5. **Remote controller:**
	
	some ops changes to prevent false triggering on site.
	
	✧ Need to press and hold the Menu button for 3sec to open the OSD menu
	
	>>> you can change the setting on OSD (system>Camera Selector)
	
	✧ Default to receive all channels (1~4) on the remote controller
	
	>>> you can change the setting on OSD (system>Trigger OSD)
	
	✧ When the OSD menu is open，Press <Home> not only bring camera back to Home position but also close all OSD menus.
	
	6. **More definition of LED lights:**

Color	Status	Pattern
Flashing orange	Booting up	●●
Solid blue	Normal	●
Solid orange	Standby	●
Flashing orange slowly (1-sec interval)	Muted	●
Flashing orange once	Taking a snapshot	◉
Flashing orange (0.5-sec interval)	Recording	◉
Solid purple	OSD menu is turned on.	●
Flashing purple	Updating firmware	●●

●● Both indicators flash.
● The indicator is mode-sensitive.
◉ The spare indicator flashes.

7. Update VISCA Command list
8. Fixed issue that unable to reboot when update failed
9. Several bugs fixed

Known issue	1. AI Facial Tracking: when the person's face is in profile or at the edge of the screen, it may not be able to track.

UM version	**MD330 UM_7L_2023.03.25**
Release date	2023/3/27
New	1. How to Clean and Disinfect >> Page 2 2. LED Indicators >> Page 3 3. Facial Tracking >> Page 20 4. VISCA Command >> Page 33

Release Note

Products: MD330U / MD330UI

FW version	1.1.1021.0
Release Date	Sep, 21, 2022
New Feature	● The recording function is now ready. ● Loop recording - cyclic storage threshold is set ● The hot key combinations for turning on LED light / IR Cut Filter settings. ● IR Cut Filter function added with AUTO mode. ● New design on the web interface. ● Noise Suppression: Add NR DSP setting and set it as default. ● ESD Reboot mechanism introduced.
Improvement	● Multi-language on OSD (Chinese/English/Japanese) ● Increase the speed of focus. ● Auto-focus performance when switch to handheld mode. ● Reduce the noise from NR+BF noise suppression setting. ● 3 levels of LED light setting. ● Remove Bright Mode
Known Issue	● No automatic detection of available resolution settings for HDMI

Release Note

Products: MD330U / MD330UI

FW version	1.1.1017.0
Release Date	Aug, 01, 2022
New Feature	N/A
Improvement	● Fix HDMI process stops randomly after sensor reset. ➔New version has protection on the startup process to ensure that the program has been successfully started.
Known Issue	● Recently only support English in OSD menu. *Will fix in the next firmware version.

Release Note

Products: MD330U / MD330UI

FW version	1.1.1016.0
Release Date	Jul, 25, 2022
New Feature	N/A
Improvement	1. Optimized the motor steps of Tele (zoom in all the way till the end) and Wide (zoom out all the way till the end. 2. There are 2 types of power supply: grounded (3 pins) and ungrounded (2 pins). When the ungrounded (2 pins) are connected to the screen with HDMI, you may experience the following symptoms: (1) Image cannot be displayed or (2) Broken textures and noises. Improvements have been made to solve the above 2 issues.
Known Issue	N/A