

Release note

Product: PTZ310/PTZ330/PTZ310N/PTZ330N

FW version	V0.0.0000.83
Release date	2022/12/23
New feature	1. Able to set SSHD on/off in webpage. (Network > SSHD)

1. Able to set SSHD on/off in webpage. (Network > SSHD)



2. Able set HTTPS only/on/off in webpage. (Network > HTTPS)



3. Added VISCA command

Command Set	Command	Command Packet	Comments
CAM ICD/ID Cut)	On	8x 01 04 01 02 FF	Infrared Mode ON/OFF
CAM_ICR(IR Cut)	Off	8x 01 04 01 03 FF	Initiated Mode ON/OFF
	On	8x 01 04 51 02 FF	A
CAM_AutoICR(IR Cut)	Off	8x 01 04 51 03 FF	Auto Infrared Mode ON/OFF
	Threshold	8x 01 04 21 00 00 0p 0q FF	pq:threshold level
OAM below	hdmi On	8x 01 04 02 02 FF	halad ON/OFF
CAM_hdmi	hdmi Off	8x 01 04 02 03 FF	hdmi ON/OFF

Inquiry Command	Command packet	Reply Command Packet	Comments
CAM_ICRModeInq (IR Cut)	8x 09 04 01 FF	y0 50 0p FF	p: 2=On, 3=Off
CAM_AutoICRModeInq (IR Cut)	8x 09 04 51 FF	y0 50 0p FF	p: 2=On, 3=Off
CAM_AutoICRThresholdInq	8x 09 04 21 FF	y0 50 00 00 0p 0q FF	pq: Threshold level
CAM Ildmi Dort Ing	8x 09 7E 04 79 00	y0 50 00 00 00 00 00 00 00 00	pqrs: Source physical address (See
CAM_Hdmi_Port Inq	FF	00 0p 0q 0r 0s FF	HDMI VSDB)
CAM Ildai Dort los	8x 09 7E 04 79 00	y0 50 00 00 00 00 00 00 00 00	pqrs:Source physical address (See
CAM_Hdmi_Port Inq	FF	00 0p 0q 0r 0s FF	HDMI VSDB)

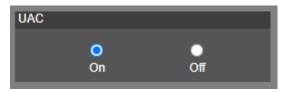
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	Able to support CISCO codec plus. (Project base installation requirement.)	
Improvement	Improvement: Able to adjust White Balance settings on Microsoft Teams.	
	Bug: Correct to show the NDI status when deactivating NDI from webpage.	
	Improvement: Enhance the NDI activation process, please use V83 for the NDI ac	tivation
	function, when the user enters the License key code to activate, AVer server will re-	eject the
	activation of the old FW (V78).	
Known issue	If the video mode (web page) setting in IP streaming only/ NDI only, when USB p	ort
	connect with PC, still see the device name of PC side, but no UVC output.	
	The NDI.5 Reliable UDP feature is not supported.	

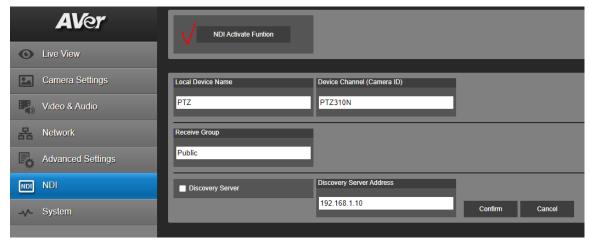




FW version	V0.0.0000.78	
Release date	2022/02/08	
New feature	5 Able to set UAC on/off in webpage (Video & Audio > UAC)	



6. Added the ability to do NDI activate function and settings.



**To Get an NDI license key.

This camera is compatible with NDI|HX of NewTek, Inc. To use NDI|HX, you are required to purchase the license key from the URL of NewTek, Inc after July 28th, 2022. https://www.newtek.com/ndihx/products/upgrade/

7. Added VISCA inquire command

Inquiry Command	Command packet	Reply Command Packet	Comments
CAM_FocusPosInq	8x 09 04 48 FF	y0 50 0p 0q 0r 0s FF	pqrs: Focus Position
CAM_Preset Inq	8x 09 04 3F FF	y0 50 pp FF	Return the last preset number which has been operated pp:01 - FF
CANA SmartFrama Inc	8x 09 36 69 01 FF	y0 50 02 FF	ON
CAM_SmartFrame Inq		y0 50 03 FF	OFF
CANA SmartShoot Inc	8x 09 36 69 02 FF	y0 50 02 FF	ON
CAM_SmartShoot Inq		y0 50 03 FF	OFF
CANA Duccat Function	8x 09 04 62 02 FF	y0 50 02 FF	Preset Freeze On
CAM_Preset FreezeInq		y0 50 03 FF	Preset Freeze Off
CAM_PT Slow Inq	8x 09 06 44 FF	y0 50 0p FF	p: 2=On, 3=Off
CAM_Prset speeding	8x 09 7E 04 1C FF	y0 50 0p 0p FF	pp:01 to 06
CAM_Firmware versionInq	8x 09 36 69 04 FF	y0 50 0p 0q 0r 0s 0t 0u 0v 0w FF	fw_ver: p.q.rstu.vw
CAM_ICRModeInq (IR Cut)	8x 09 04 01 FF	y0 50 0p FF	p: 2=On, 3=Off

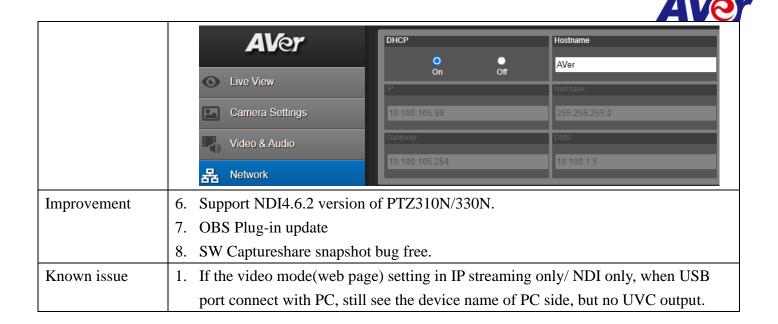
	AVer
	8. Able to support LLDP (Link Layer Discovery Protocol).
Improvement	4. Improve RTMP audio on Vimeo
	5. Improve White Balance/ One Push function to save the R gain / B gain value.
Known issue	3. If the video mode (web page) setting in IP streaming only/ NDI only, when USB port
	connect with PC, still see the device name of PC side, but no UVC output.
	4. The NDI.5 Reliable UDP feature is not supported.





FW version	V0.0.0000.70			
Release date	2020/04/13			
New feature	9. Added Power Up to Preset position setting on Web UI.10. Added Power Off to Preset position setting on Web UI.			
	Power Up to Preset Save Power Off to Preset Save			
	11. Added Sleep to Preset position setting on Web UI, this is for ZOOM cert from 2021 April.(visit ZOOM website of announcement: https://support.zoom.us/hc/en-us/articles/360033608731-Certified-Zoom-Rooms-Devices			
	Sleep to Preset Sleep mode can be enabled when video mode is USB only. Sleep mode can be enabled when video mode is USB only. Sleep Timer O 10 sec 5 min 10 min 20 min			
	P.S Sleep mode only can be activated in "USB Only" Video mode, when user stop USB video and camera will go to Sleep position. Video Mode Stream Only USB + Streaming NDI			
	Live View Camera Settings Stream Video Output 1920×1080 Framerate I-VOP Interval (S) 18 30 10			
	12. Added Lens Distortion Correction enable/disable button on webpage of PTZ330/PTZ330N. AVer			
	Live View Camera Settings Video & Audio Network Advanced Settings System Exposure Image Process White Balance Auto R Gain 177 B Gain 112 Contrast 2 Power Frequency Prover Frequency			
	13. Added ability to change "Hostname" of camera on Web UI.			









FW version	V.66		
Release date	2021/01/27		
New feature	na		
Improvement	Improve RTSP video streaming quality.		
	2. Improve RTSP audio quality after changing sample rate.		
	AVer Video Mode		
	Stream Only USB + Streaming NDI		
	Live View Stream Video Output Bitrate		
	Camera Settings 1920x1080 ■ 8Mbps		
	Video & Audio Framerate I-VOP Interval (S) 1s		
	Network 10		
	Advanced Settings Audio Input Type Audio Volume 5		
	System O Line In MIC In 0 10		
	Encoding Type Sampling Rate		
	AAC G.711		
	3. Improve RTSP "Stream Key" information sync, no need to reboot the camera.		
	AVer		
	O On Off		
	Netmask		
	Catavay		
	Video & Audio 10.100.105.254 10.100.1.5		
	器 Network		
	Advanced Settings RTMP Settings RTSP Security Server URL		
	System Server URL rtmp://a.rtmp.youtube.com/live2/ Stream Key On Off		
	Column 15)		
	Start Stream STOP		
	4. Improve FW update process on web page.		
Known issue	1. If the video mode(web page) setting in IP streaming only/ NDI only, when		
	USB port connect with PC, still see the device name of PC side, but no UVC		
	output.		

