

Release note

Product:

PTZ Camera: PTZ211/PTZ231/PTZ310UV2/PTZ310UNV2/PTZ330UV2/PTZ330UNV2 Tracking Camera: TR211/TR315/TR315N/TR335/TR335N

FW	V0.0.0000.32						
version							
Release	2024/5/17						
date							
New	1. Audio partner integration with Shure for Audio tracking function						
Feature	1. Produce particle integration with charge for vicin clocking relation 1. Produce particle integration Image: particle integration						
	SWITCH UPPER FULL TRACKING BODY POINT						

©2023 AVer Information Inc. All rights reserved. | March 8, 2023 The information contained in this documentation is subject to change without notice. Contact Information:Headquarters AVer Information Inc. <u>https://www.aver.com</u> USA Branch Office Technical support <u>support.usa@aver.com</u>

USA Branch Office Technical support <u>support.usa@aver.com</u> Europe Branch Office Technical support <u>eu.rma@aver.com</u> Japan Branch Office テクニカル・サポート <u>Support.EDU.JP@aver.com</u>



	2	NDI HX2 License key code activation feature					
	2.	Able to pap/tilt camera through Onvif command					
	5.	Able to pan/tilt camera through Unvit command.					
Improvom	4.	Ontimized the "Au	to Tilt" function while Auto T	racking in Hybrid mode			
ont	1.	(this improvement	t only for Tracking camera TP2	11/215(NI)/225/NI)			
Known	1	We recommend u	sing the Chrome browser for a	configuring wobpages			
iccuo	1.	we recommend u	We recommend using the Chrome browser for configuring webpages.				
issue	2	When using NDLy	ideo theme mode the LISB vid	leo stream will be temporarily paysed			
	Ζ.	in order to ensure	the best possible NDLHX3 vid				
				co streaming experience.			
		*Simultaneous ou	tnuts in different video theme	modes:			
				PT7310LIV2/PT7330LIV2			
		Video modes	TR315N/TR335N	PT7211/PT7231/TR315/TR335			
		Standard/Teams/700m	2	<i>R</i> ,			
			~ 3G-SDI (1080P60)	3G-SDI (1080P60)			
			<i>8</i> .	NA			
			3G-SDI (1080P60)				
			33 321 (10001 00)				
	3	2 HTTPS: Enable HTTPS to actablish a secure connection between the browser and the					
	0.	camera. To enable HTTPS, please follow the steps below					
	A.	Obtain an SSL cert	ificate in base-64 encoding for	rmat for encryption and decryption, and			
		a private key in Pk	CS#8 format (must be unencry	vpted).			
	В.	Convert the requi	red certificate content into PEI	M format. The SSL certificate uploaded			
		to the camera mu	st be in PEM format.				
	C.	In the HTTPS setti	ngs field, select "On", then clic	k "Choose File" to select the certificate			
		file, and then click "Upload".					

Japan Branch Office テクニカル・サポート Support.EDU.JP@aver.com



Product:

PTZ Camera: PTZ211/PTZ231/PTZ310UV2/PTZ310UNV2/PTZ330UV2/PTZ330UNV2 Tracking Camera: TR211/TR315/TR315N/TR335/TR335N

FW version	V0.0.0000.28				
Release date	2023/12/20				
New Feature	 5. Enabled FQDN setting for direct access to the camera webpage using "http://hostname". If there are two cameras in the LAN pool with identical hostnames, it may be difficult for the user to identify the correct one. Therefore, modifying the hostname before using this function is necessary. e.g. <u>http://PTZ310UNV2</u> 6. Updated the NDI SDK to version 5.6 for NDI models in PTZ310UNV2, PTZ330UNV2, TR315N, and TR335N 				
Improvement	 Optimized the Freed protocol and corrected the terminology from "FreeD" to "Freed". Optimized the Onvif protocol for integration with Bosch meeting system. Optimized the auto operation smoothly movement in AI Auto Tracking function on TR211/TR315(N)/TR335(N) models. Bug fix: Corrected the VISCA command for the following: CAM_BrightPosInq, CAM_Live Freeze, USB Status, UVC Status Bug Fix: Corrected the display issue in NDI Studio Monitor where names were not showing correctly for spaces. Bug Fix: Resolved this issue where RTSP could not be activated when camera was power off. Bug Fix: Corrected the wording of SmartShoot and SmartFrame in the OSD. 				
Known issue	 4. We recommend using the Ch 5. When using NDI video theme paused in order to ensure the *Simultaneous outputs in difference *Simultaneous outputs in difference Video modes PTZ310UNV TR315N/TR HDMI/IP/N Standard/Teams/Zoom BG-SDI (108 	rome browser for c e mode, the USB vid e best possible NDI ferent video theme /2/PTZ330UNV2 335N DI HX2/USB (4KP60) B0P60) DI HX3 (4KP60)	onfiguring webpages. eo stream will be temporarily HX3 video streaming experience. modes: PTZ310UV2/PTZ330UV2 PTZ211/PTZ231/TR315/TR335 HDMI/IP/USB(4KP60) & 3G-SDI (1080P60)		
	NDI &		NA		

©2023 AVer Information Inc. All rights reserved. | March 8, 2023 The information contained in this documentation is subject to change without notice. Contact Information:Headquarters AVer Information Inc. <u>https://www.aver.com</u> USA Branch Office Technical support <u>support.usa@aver.com</u>

USA Branch Office Technical support <u>support.usa@aver.com</u> Europe Branch Office Technical support <u>eu.rma@aver.com</u> Japan Branch Office テクニカル・サポート <u>Support.EDU.JP@aver.com</u>



	3G-SDI (1080P60)
6.	HTTPS: Enable HTTPS to establish a secure connection between the browser and
	the camera. To enable HTTPS, please follow the steps below.
D.	Obtain an SSL certificate in base-64 encoding format for encryption and
	decryption, and a private key in PKCS#8 format (must be unencrypted).
E.	Convert the required certificate content into PEM format. The SSL certificate
	uploaded to the camera must be in PEM format.
F.	In the HTTPS settings field, select "On", then click "Choose File" to select the
	certificate file, and then click "Upload".

Japan Branch Office テクニカル・サポート Support.EDU.JP@aver.com



Product:

PTZ Camera: PTZ310UV2/PTZ310UNV2/PTZ330UV2/PTZ330UNV2 Tracking Camera: TR315/TR315N/TR335/TR335N

FW version	V0.0.0000.24			
Release date	2023/11/14			
New Feature	None			
Improvement	 Resolved NDI function disable issue of V22. Users can now enjoy the original NDI HX3 functionality. Improved switch presenter functionality through click tracking on the webpage for a more optimized experience. 			
Known issue	 We recommend using the Chrome browser for configuring webpages. When using NDI video theme mode, the USB video stream will be temporarily paused in order to ensure the best possible NDI HX3 video streaming experience. 			
	*Simultaneous outputs in different video theme modes:			
	Video modes PTZ310UNV2 PTZ310UV2			
	HDMI/IP/NDI HX2/USB (4KP60) HDMI/IP/USB(4KP60)			
	Standard/Teams/Zoom & &			
	3G-SDI (1080P60) 3G-SDI (1080P60)			
	HDMI/IP/NDI HX3 (4KP60)			
	NDI & NA			
	3G-SDI (1080P60)			
	 9. HTTPS: Enable HTTPS to establish a secure connection between the browser and the camera. To enable HTTPS, please follow the steps below. G. Obtain an SSL certificate in base-64 encoding format for encryption and decryption, and a private key in PKCS#8 format (must be unencrypted). H. Convert the required certificate content into PEM format. The SSL certificate uploaded to the camera must be in PEM format. In the HTTPS settings field, select "On", then click "Choose File" to select the certificate file, and then click "Upload". 			

©2023 AVer Information Inc. All rights reserved. | March 8, 2023 The information contained in this documentation is subject to change without notice. Contact Information:Headquarters AVer Information Inc. <u>https://www.aver.com</u> USA Branch Office Technical support <u>support.usa@aver.com</u> Europe Branch Office Technical support <u>eu.rma@aver.com</u> Japan Branch Office テクニカル・サポート <u>Support.EDU.JP@aver.com</u>





©2023 AVer Information Inc. All rights reserved. | March 8, 2023 The information contained in this documentation is subject to change without notice. Contact Information:Headquarters AVer Information Inc. https://www.aver.com

USA Branch Office Technical support <u>support.usa@aver.com</u> Europe Branch Office Technical support <u>eu.rma@aver.com</u> Japan Branch Office テクニカル・サポート <u>Support.EDU.JP@aver.com</u>



5. <i>i</i>	Able to contir	wouch ovport lo	ogs to a selected IP a	nd Port directly from the
v	webpage und	er System > Exp	ort Log	
	Svelog			
	IP Address			
	Port			
	O	n Ofi	Ŧ	
6. A	Able to config	gure and set the	date and time from t	he webpage by accessing
S	System > set I	Date/Time.		
		Date Time Dialog		
		Camera System Tim	e 2023-09-05 05:32:47 P	M
		NTP Server	pool.ntp.org	
		Supebropize Time wi		
		Synchronize Time wi	In PC Execute	
		Dat Manual	e 2023-09-05	(yyyy-mm-dd)
		Time Zone	e 下午 05:32:47	
				v
	Set Date/Time		(GM1+08:00) Taiper	Set Cancel
	Set Date/Time			Set Cancel
7. <i>F</i>	Set Date/Time	ule the Power-u	p time from the web	Set Cancel
7. A	Set Date/Time Able to sched Power Schedu	ule the Power-u	p time from the web	Set Cancel
7. <i>F</i>	Set Date/Time Able to sched Power Schedu	ule the Power-u ule.	p time from the web	Set Cancel
7. <i>4</i> F	Set Date/Time Able to sched Power Schedu	ule the Power-u Jle.	p time from the web	Set Cancel
7. # F	Set Date/Time Able to sched Power Schedu	ule the Power-u ule.	p time from the web	Set Cancel page by accessing System > a gray box, indicating that it is a shut-down time.
7. <i>4</i> F	Set Date/Time Able to sched Power Schedu	ule the Power-u Jle. Power Schedule Auto Reboot Time Power Schedule Day/Hour 0 1 Sunday	p time from the web $ \Box \pm \mp \ 02:00 \ \odot $ king on the blue box will turn it into a blue box will turn it into a blue blue box will turn it into a blue blue blue blue blue blue blue blue	Set Cancel page by accessing System > a gray box, indicating that it is a shut-down time. 11 12 13 14 15 16 17 18 19 20 21 22 23
7. # F	Set Date/Time Able to sched Power Schedu	ule the Power-u Jle. Power Schedule Auto Reboot Time Power Schedule Day/Hour 0 1 Sunday Tuesday	p time from the web	Set Cancel page by accessing System > a gray box, indicating that it is a shut-down time. 11 12 13 14 15 16 17 18 19 20 21 22 23
7. <i>4</i> F	Set Date/Time Able to sched Power Schedu	ule the Power-u Jle. Power Schedule Auto Reboot Time Power Schedule Day/Hour Day/Hour Usunday Tuesday Wednesday	p time from the web	a gray box, indicating that it is a shut-down time.
7. 4 F	Set Date/Time Able to sched	ule the Power-u Jle. Power Schedule Auto Reboot Time Power Schedule Day/Hour 0 1 Sunday Monday Tuesday Wednesday Thursday Friday	□ ⊥ + 02:00 ③ king on the blue box will turn it into 2 3 4 5 6 7 8 9 10 2 3 4 5 6 7 8 9 10	set Cancel page by accessing System > a gray box, indicating that it is a shut-down time. 11 12 13 14 15 16 17 18 19 20 21 22 23 1 2 3 4 5 5 6 7 7 8 19 20 21 22 23 1 3 4 5 6 7 7 8 19 20 21 22 13 1 4 5 6 7 7 8 19 20 21 22 13 1 5 6 7 7 8 19 20 21 22 13 1 5 7 7 8 19 10 10 10 1 5 7 7 8 19 10 10 1 5 7 8 10 10 1 5 7 8 10 1 5
7. 4 F	Set Date/Time Able to sched	ule the Power-u Jle. Power Schedule Auto Reboot Time Power Schedule Day/Hour 0 1 Sunday Tuesday Wednesday Thursday Friday Saturday	p time from the web □ 上∓ 02:00 ③ king on the blue box will turn it into a 2 3 4 5 6 7 8 9 10 2 3 4 5 6 7 8 9 10 2 3 4 5 6 7 8 9 10 2 3 4 5 6 7 8 9 10 2 3 4 5 6 7 8 9 10 2 3 4 5 6 7 8 9 10 3 4 5 6 7 8 9 10	set Cancel page by accessing System >
7. <i>F</i>	Set Date/Time Able to sched Power Schedu	ule the Power-u Jle. Power Schedule Auto Reboot Time Power Schedule Day/Hour 0 1 Sunday Monday Tuesday Wednesday Thursday Friday Saturday	Image: blue box will turn it into a second secon	a gray box, indicating that it is a shut-down time.
7. / F	Set Date/Time Able to sched Power Schedu	ule the Power-u Jle. Power Schedule Auto Reboot Time Day/Hour 0 1 Sunday Monday Tuesday Thursday Friday Saturday	p time from the web	set Cancel
7. / F	Set Date/Time	ule the Power-u Jle. Power Schedule Auto Reboot Time Power Schedule Day/Hour Day Day Day Day Day Day Day Day Day Day	p time from the web	set Cancel
7. <i>4</i> F	Set Date/Time	ule the Power-u Jle. Power Schedule Auto Reboot Time Power Schedule Day/Hour 0 1 Sunday Monday Tuesday Thursday Friday Saturday	p time from the web	set Cancel

©2023 AVer Information Inc. All rights reserved. | March 8, 2023 The information contained in this documentation is subject to change without notice. Contact Information: Headquarters AVer Information Inc. https://www.aver.com

Contact Information:Headquarters AVer Information Inc. <u>https://www.aver.com</u> USA Branch Office Technical support <u>support.usa@aver.com</u> Europe Branch Office Technical support <u>eu.rma@aver.com</u> Japan Branch Office テクニカル・サポート <u>Support.EDU.JP@aver.com</u>



Improvement	 Optimizing USB video for a seamless Zoom Room video streaming experience. Users can now utilize symbols (%+=,^/@.~) when creating their login names and passwords. Enhancements to the username and password fields now include the ability to toggle password visibility using an eye icon. 				
Known issue	10	 We recommend us When using NDI vi paused in order to *Simultaneous out 	sing the Chrome browser for c deo theme mode, the USB vid ensure the best possible NDI touts in different video theme	onfiguring webpages. eo stream will be temporarily HX3 video streaming experience. modes:	
		Video modes	PT7310LINV2/PT7330LINV2	PT731011/2/PT733011/2	
		Standard/Teams/700m	2.	<i>8</i> .	
			3G-SDI (1080P60)	3G-SDI (1080P60)	
			HDMI/IP/NDI HX3 (4KP60)		
		NDI	&	NA	
			3G-SDI (1080P60)		
	12 J. K. L.	HTTPS: Enable HTT the camera. To en Obtain an SSL cert decryption, and a Convert the requir uploaded to the ca In the HTTPS settir	TPS to establish a secure conne able HTTPS, please follow the ificate in base-64 encoding for private key in PKCS#8 format (red certificate content into PEI amera must be in PEM format. ngs field, select "On", then clic	ection between the browser and steps below. mat for encryption and must be unencrypted). M format. The SSL certificate k "Choose File" to select the	
	certificate file, and then click "Upload".				



FW version	V0.0.0000.14				
Release date	2023/03/31				
New Feature	None				
Improvement	12. Enhanced the firmware upgrade progress experience.				
	13. Enabled the LDC function on the web page.				
	14. Added RTC (Real-Time Clock) check.				
Known issue	13. We recommend using the Chrome browser for configuring webpages.				
	14. When using NDI video theme mode, the USB video stream will be temporarily paused in order to ensure the best possible NDI HX3 video streaming experience.				
	*Simultaneous outputs in different video theme modes:				
	Video modes PTZ310UNV2 PTZ310UV2				
	HDMI/IP/NDI HX2/USB (4KP60) HDMI/IP/USB(4KP60)				
	Standard/Teams/Zoom & &				
	3G-SDI (1080P60) 3G-SDI (1080P60)				
	HDMI/IP/NDI HX3 (4KP60)				
	NDI & NA				
	3G-SDI (1080P60)				
	 HTTPS: Enable HTTPS to establish a secure connection between the browser the camera. To enable HTTPS, please follow the steps below. Obtain an SSL certificate in base-64 encoding format for encryption and decryption, and a private key in PKCS#8 format (must be unencrypted). Convert the required certificate content into PEM format. The SSL certificate uploaded to the camera must be in PEM format. In the HTTPS settings field, select "On", then click "Choose File" to select the certificate file. and then click "Upload". 				

Japan Branch Office テクニカル・サポート Support.EDU.JP@aver.com



FW version	V	V0.0.0000.12				
Release date	20	2023/03/17				
New Feature	None					
Improvement	1.	1. Optimizing USB video for a seamless Zoom Room video streaming experience.				
Known issue	2.	2. We recommend using the Chrome browser for configuring webpages.				
	3.	3. When using NDI video theme mode, the USB video stream will be temporarily				
		paused in order to	ensure the best possible NDI	HX3 video streaming experience.		
		*Simultaneous ou	tputs in different video theme	modes:		
		Video modes	PTZ310UNV2	PTZ310UV2		
			HDMI/IP/NDI HX2/USB (4KP60)	HDMI/IP/USB(4KP60)		
		Standard/Teams/Zoom	&	&		
			3G-SDI (1080P60)	3G-SDI (1080P60)		
			HDMI/IP/NDI HX3 (4KP60)			
		NDI	&	NA		
			3G-SDI (1080P60)			
	4.	HTTPS: Enable HT	rPS to establish a secure conne	ection between the browser and		
		the camera. To en	able HTTPS, please follow the	steps below.		
	А.	Obtain an SSL cert	tificate in base-64 encoding	format for encryption and		
	de	ecryption, and a pr	ivate key in PKCS#8 format (must be unencrypted).		
	В.	Convert the requi	red certificate content into f	PEIVI format. The SSL certificate		
	up	loaded to the cam	iera must be in PEM format.			
	C.	IN THE HILLPS SETTI	ngs field, select "Un", then (CIICK Choose File" to select the		
	ce	rtificate file, and t	nen click "Upload".			

Japan Branch Office テクニカル・サポート <u>Support.EDU.JP@aver.com</u>