

Release note

Product: TR	311HWV2/TR313V2/TR32	23NV2/TR333V2							
FW	V0.1.0000.57								
version									
Release	2023/11/3								
date									
New feature	1. Able to use of the "Hostname" to activate the webpage. (<u>http://AVerCamera</u>)								
leature	P.S. The hostname is o	changeable.			_				
	AVer Cam × +								
	← C	'html/index.html?time=169822429	8047_self						
	AVer	DHCP О	Hostna						
	Live View	On IP Address	Off Avero	Camera	4				
	Camera Settings	192.168.1.69		55.255.0					
	Video & Audio	Gateway	DNS						
		192.168.1.1	192.1	68.1.1					
Improvement	1. Bug Fixed: When the tracking camera captures a large number of people, random camera								
	image delays or freeze	es may occur, rendering	the webpage nonfu	inctional.					
	2. Optimized the configu	aration for the "Effective	e Tracking Area" or	n the webpage.					
	3. Optimized the image	focus quality of preset a	fter switching.						
	4. Optimized the activati	ion of Multi-presenter n	node.						
	5. Optimized the UVC s	treaming compatibility	with Zoom Room a	pp.					
	6. Support VISCA/CGI	inquiry for USB/UVC s	tatus						
	Inquiry Command	Command Packet	Reply Packet	Comments					
	USB Status	8x 09 36 69 05 FF	y0 50 00 FF y0 50 01 FF	USB cable plug out USB cable plug in					
	UVC Status	8x 09 36 69 06 FF	y0 50 00 FF	UVC stream off					
	7.		y0 50 01 FF	UVC stream on					
Know issues		compatibility issue with		afari browser. Please u	se				
	the Chrome browser of	on Apple devices for the	meantime.						
	2. There is a possibility of	of firmware update failu	re due to significar	nt modifications made					
		nhance auto-tracking pe	•						
	version. As a result, d	uring the update process	s, there is a chance	of intermittent failures.	In				
	the event of a failure,	please attempt the upda	te process again.						
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FW.	V0.1.0000.48	
v ersion Release	2023/5/18	
late	2023/3/10	
New eature	 Introducing new AI algorithm to enhance Auto Tracking accuracy. Date and time screen (Set Date/Time), you can set using one of three types: NTP. PC Synchronization or manual. 	
	(Webpage/ System/ Set Date/Time)	
	Date Time Dialog	
	Camera System Time 2023-05-17 08:14:30 PM NTP Image: Comparison of the system of the sys	
	NTP Server pool.ntp.org	
	Synchronize Time with PC Execute	
	Date 2023-05-18 (yyyy-mm-dd) Manual	
	Time 下午 03:44:14 ④ Time Zone (GMT-12:00) Howland Island	
	Set Cancel	
	4. Power schedule (Webpage/ System/ Power schedule) Auto reboot time, able to set a specific time for the camera to automatically reboot on a d basis.	laily
	 4. Power schedule (Webpage/ System/ Power schedule) Auto reboot time, able to set a specific time for the camera to automatically reboot on a d basis. Powe Power Schedule: Able set a specific time for the camera to power off by simply clic on the designated blue cell. When you click the cell and its color change from blue to grey 	ckir
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	 4. Power schedule (Webpage/ System/ Power schedule) Auto reboot time, able to set a specific time for the camera to automatically reboot on a d basis. Power Power Schedule: Able set a specific time for the camera to power off by simply clic on the designated blue cell. When you click the cell and its color change from blue to grey indicates that the camera will automatically power off during the specified period. Power Schedule Power Schedule Power Schedule Day/Hour 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 	ckir ey, it
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	 4. Power schedule (Webpage/ System/ Power schedule) Auto reboot time, able to set a specific time for the camera to automatically reboot on a d basis. Powe Power Schedule: Able set a specific time for the camera to power off by simply clic on the designated blue cell. When you click the cell and its color change from blue to grey indicates that the camera will automatically power off during the specified period. Power Schedule Power Schedule Power Schedule Day/Hour 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 Sunday Monday Sunday Monday 	ckir ey, it
	 4. Power schedule (Webpage/ System/ Power schedule) Auto reboot time, able to set a specific time for the camera to automatically reboot on a d basis. Powe Power Schedule: Able set a specific time for the camera to power off by simply clic on the designated blue cell. When you click the cell and its color change from blue to grey indicates that the camera will automatically power off during the specified period. Power Schedule Power Schedule <l< td=""><td>ckir ey, it</td></l<>	ckir ey, it
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Improvement 8. Bug fixed: Resolved the issue where the effective zone was not appearing when setting the

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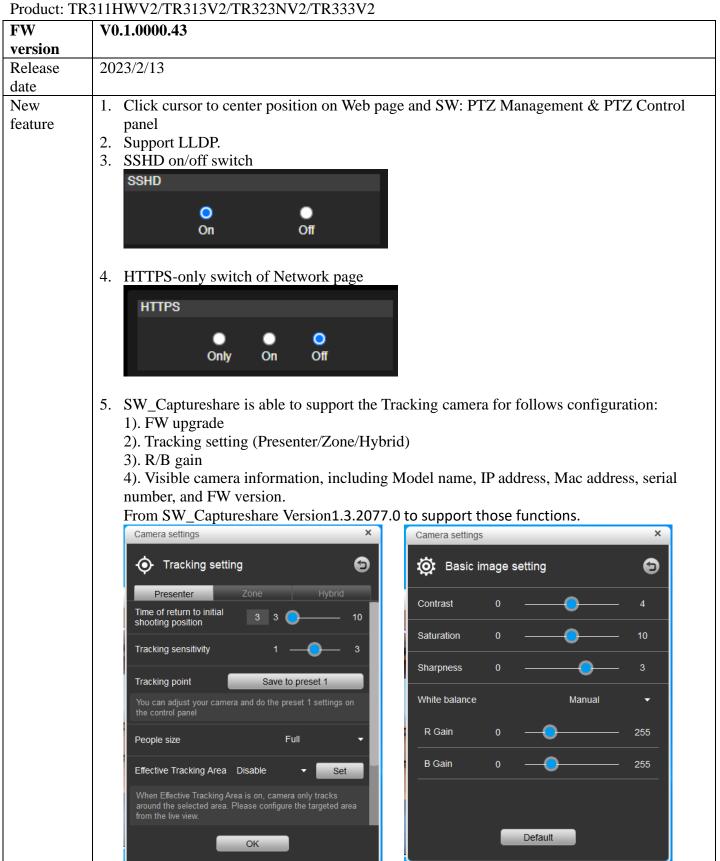




	effective zone on the tracking page using the Firefox web browser.
	9. Optimized UVC video performance for Barco ClickShare CX30.
	10. Optimized gesture control finger 2 zoom in/out accuracy.
Know issues	3. Web GUI has known compatibility issue with the Apple MAC Safari browser. Please use the Chrome browser on Apple devices for the meantime.
	4. There is a possibility of firmware update failure due to significant modifications made within the system to enhance auto-tracking performance in this particular firmware version. As a result, during the update process, there is a chance of intermittent failures. In the event of a failure, please attempt the update process again.









Other Settings) ((o) 😓	C.		РТС	310UV2 ▼ 🏟 ▶ 🗮 🌔	0	
Software Version:	1.3.2077.0 Check for Update	57 [A6	· · ·		CaptureShare		×
_/		<u>40</u> 0	et setting	+	Model name IP address		PTC310UV2 10.100.105.238
VPTC310UV ▼ Firmware Version:	0.1.0000.43 [C:H] Check for Upgrade		0 1 2 3 4 5 6 7 Save tracking C		Serial number MAC address	ОК	1234567890123 02:00:70:98:76:5
: F 40 6	3 24 (0) 🚘 🎯		resenter		Alle		1
6. Add Mult	i-Presenter Detectio	n VISCA	A command				

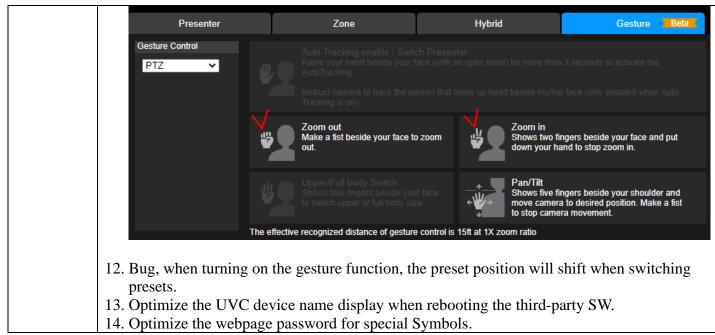
Command Set	Command	Command Packet	Comments
Multi-presenter	On	8x 01 04 A9 02 FF	
Multi-presenter	Off	8x 01 04 A9 03 FF	
Multi-presenter preset	Set	8x 01 04 AA pp FF	pp: 0x00 To 0xFF normal preset

7. Add 802.1X configuration.

		_	8					_		
	802.	802.1x Enable			Eap Method					
			On	Off		O MD5	• TLS	PEAP		
	Eap	Setting								
	Ider	ntity			Password					
	Clier									
	Imp	ort			Private Key	Passwor	d			
	選	擇檔案	未選擇任何檔案							
	CA									
	Imp	ort								
	選	擇檔案	未選擇任何檔案		Conf	firm				
Improvement	-		oom-in gestu	re functions,	use "TW	O" to c	lo the	zoom-in fun		
	follow	ing d	escription.							











Product: TR311HWV2/TR313V2/TR323NV2/TR333V2

FW	V0.1.0000.35
version	
Release	2022/8/11
date	
New	None
feature	
Improvement	15. Bug fixed: Can't return Tracking point when lose tracking.





FW V0.1.0000.31 version Release 2022/5/24 date 1. The "Gesture Control" function allows users to control certain camera functions with the New feature use of hand gestures recognized by the camera. Presenter Zone Hybrid Gesture Beta Auto Tracking enable / Switch Presenter Raise your hand beside your face (with an open hand) for more than 3 seconds to activate the AutoTracking. Gesture Control Tracking+PTZ 🗸 Instruct camera to track the person that holds up hand beside his/her face (only enabled when Auto Tracking is on). Auto Tracking disable Make a fist beside your face to disable Auto Tracking. Zoom in/out Shows two fingers beside your shoulder and move up to zoom in, move down to zoom out Pan/Tilt Shows five fingers beside your shoulder and move camera to desired position. Make a fist to stop camera movement. Upper/Full body Switch Shows four fingers beside your face to switch upper or full body size. * The effective recognized distance of gesture control is 15ft at 1X zoom ratio. 2. Ability to activate the NDI function using from webpage page. AVer NDI Activate Funtion Live View Camera Settings Local Device Name Device Channel (Camera ID) AVer_NDI_Camera Video & Audio 몲 Network **Receive Group** Public Tracking Settings NDI NDI 🔲 Reliable UDP -v/- System Discovery Server Address Discovery Server Tracking Control 192.168.1.10 Tracking 🔘 Off On Mode Presenter Multicast Server Mask Multicast Server Zone 255.255.255.0 Hybrid Multicast Server Address Multicast TTL Click Track 239.255.0.0 10 Confirm Cancel 3. Ability to support LLDP (reschedule to Sep 20th to support LLDP) 4. Ability to support HTTPS cert

Product: TR311HWV2/TR313V2/TR323NV2/TR333V2





AVer	DHCP	На	ostname			
Live View	On	off A	Ver			
	IP Address		etmask			
Camera Settings	10.100.105.239		55.255.255.0			
Video & Audio	Gateway 10.100.105.254	DN	NS 0.100.1.5			
器 Network	10.100.105.254		0.100.1.5		Confirm	
- Tracking Settings	RTMP Settings	RT	SP Security		HLS Settings	
NDI וסא	Server URL		On	Off	Stream URL	
-vv- System	Stream Key	RT	SP Audio Enable			
Tracking Control	Start Stream	STOP	On	Off		STOP
Tracking On Off						
Mode Presenter Zone	SRT Settings Destination IP	Port Er	ncryption			
Hybrid		8889 N	lone	~		
Click Track	Latency 1000 ms	Pa	assphrase			
	Connect Status: Disconnected					
	√https ●		load Certificate 醫擇檔案 未選擇任何檔案			
	On	Off		Opload		
5. Ability to setting AF n		c .	•		r 1	
AF Mode: If Auto Focus i Continuous AF: The came	•		-			
AF Trigger after PTZ: The						hen vou
perform the pan, tilt, or zo						
	'reset					
	AE	Pan Speed		9		
▲ ⊕	MF Focus	1	• ●	24		
	562 -	Tilt Speed			.5m	
	ocus Near Limit	1	o	24	AF Trigger aft Continuous A	
F						
	1.5m 🗸	Zoom Speed				
- Q	1.5m F Mode Continuous AF	Zoom Speed Hig	h Low		F Trigger af	
↓ Q .	F Mode	•				
↓ Q .	F Mode Continuous AF 🗸 🗸	Hig	h Low	A	∿F Trigger af	ter PTZ 🔻
▼ Q	F Mode Continuous AF Ler 720p: Selecting with some for the	t On to a	h Low Illow transf nference so	erring lo ftware s	F Trigger af ower resolu such as Tear	ter PTZ 🔹 tion video ns. It's



	Priority Mode	
	O Live View	
	Camera Settings	
	Video & Audio 50Hz 59.94Hz 60Hz	
	Retwork Video Output Resolution	
	• Tracking Settings	
	NDI Video Mode Allow Resolution Under 720p	
	- V- System	
	Tracking Control Stream Video Output Bitrate Encoding Type	
	Tracking O n O ff Mode Presenter 1920x1080 4Mbps H264 H265	
	Zone Framerate I-VOP Interval (S) 1s Rate Control	
	 Hybrid 30 ✓ 1 10 VBR CBR 	
	Audio Input Type Audio Volume 5 USB Audio Enable	
	Line In MIC In 0 10 0 0 Off	
	Encoding Type Sampling Rate	
Improvement	1. Bug fixed: RTMP audio issue when streaming to Vimeo	
	2. Bug fixed: One push AWB of preset image setting	
Known	1. Web GUI has known compatibility issue with the Apple MAC Safari browser. Please use)
Issues	the Chrome browser on Apple devices for the meantime.	
	2. USB port does not yet support Hot plugging.	
	When the video mode via the web is set to IP streaming only or NDI only; then when the USE	
	port is connected to a PC, users will still see the device name on the PC, but will not have any	у
	USB streaming output.	





Product: TR311HWV2/TR313V2/TR333V2

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FW	V0.1.0000.28
version	
Release date	2022/4/07
New feature	7. "Multi-Presenter Detection" function is to allow more presenter to join the camera view and zoom out to a defined preset. Presenter Zone Hybrid Image: Tracking Sensitivity Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point Image: Tracking Point
Improvement	 Bug fixed: to enable/disable Auto Tracking by USB video is on/off. ✓ Turn on Auto Tracking when using USB Video This feature can be enabled in "USB Only" Video Mode.
Known Issues	 3. Web GUI has known compatibility issue with the Apple MAC Safari browser. Please use the Chrome browser on Apple devices for the meantime. 4. USB port does not yet support Hot plugging. When the video mode via the web is set to IP streaming only or NDI only; then when the USB port is connected to a PC, users will still see the device name on the PC, but will not have any USB streaming output. 5. When Preset2 is saved, "undefined 2" is still displayed, which means that preset2 is saved successfully. This is a known issue and will be resolved in the fw next release. ✓ Auto Zoom ✓ Auto Tilt When Auto Zoom is off, camera stops zooming in/out automatically and shoots the presenter according to the shot size of the preset you choose.

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To file for support, visit: <u>https://averusa.force.com/support/s/contactsupport</u>			e: 1 (40 (408)			28		
To access the AVer knowledgebase, visit: <u>https://averusa.force.com/support/s/</u>	Fr		lissior ont, CA		39		•	
For more technical help, please visit: <u>https://www.averusa.com/pro-av/support/</u>								87



