

Release note

Product: TR311HWV2/TR313V2/TR323NV2/TR333V2

FW version	V0.1.0000.64
Release	2024/05/24
date	
New feature	 Supports Zoom Room's new feature "Presenter Focus." When "Presenter Focus" is enabled, the camera will start auto-tracking; when it is disabled, the camera will stop auto-tracking. Note 1: This feature is only supported on TR313V2, TR323NV2. Note 2: Zoom certification is still in process. This information is not yet listed on the Zoom Rooms Certified Hardware page. The announcement will be made by June. (It is recommended to start using Presenter Focus by June.) Note 3: Zoom Rooms support starts with version 6.0.10
	 Supports Bosch's new version of ONVIF: DICENTIS Conference System 5.0. Supports setting ONVIF presets for Bosch's CCS 1000 D Digital Discussion System.
Improvement	 Optimized Camera Setup Webpage Log-In Password Rules:
	 1. Password Length: Passwords must be between 8 to 32 characters long. 2. Mixed Characters: Passwords should include a mix of numbers and English letters. 3. Password and Account Name: The password must not be the same as the account name. 4. Supported Characters: Aumeric characters: 0123456789 Alphabetic characters: ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz Symbols: %+=,^/@.~
	2. Bug fixed for unable to control camera through VISCA over IP when select RS422 as control protocol.
	3. Bug fix to prevent image instability (tilt control hunting) at distances under 1 meter. The
	recommended operating distance is over 3 meters.





Know issues	1.	Web GUI has known compatibility issue with the Apple MAC Safari browser. Please use the Chrome browser on Apple devices for the meantime.
	2.	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.





FW version	V0.1.0000.59
Release date	2024/01/05
New feature	NA
Improvement	4. Optimized the tracking detection sensitivity for seamless switching between a single presenter and multiple presenters.
	 Optimized the Auto Tracking camera operation for smoother following of the presenter' movements.
	6. Bug fixed where HTTPS was incorrectly turned on after resetting to factory default
	settings; it should have been turned off.
	7. Optimized the LLDP information for better integration Netgear switches.
	8. Optimized the command response of the VISCA protocol.
	9. Optimized the compatibility of UVC video.
Know issues	 Redefine effective tracking area, the area outside the red frame is exclusive, and the auto- tracking area only operates within the red frame. Added a visible effective tracking area frame on HDMI output. Please follow the setu 1.1 Set the effective tracking area function from webpage. Enable the Effective tracking area function. Turn on the Auto Tracking function. Long press the "FREEZE" button on the remote control. You will see a white frame the HDMI output, which represents the effective tracking area frame. (Note: Long press the "FREEZE" button is for troubleshooting purposes only. Please disable the frame befusing it, long press "FREEZE" button on remote to disable). Image: the tracking tracting to the tracking tracting to the tracking tracting to the seture of the tracking tracting to the tracking tracting to the seture. Image: the tracking tracting tracting to the seture of tracking tracting tracting tracting to the seture. Image: the tracking tracting trac
12110W 1220C2	 Web GOT has known compatibility issue with the Apple MAC Safari browser. Please us the Chrome browser on Apple devices for the meantime. 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. the event of a failure, please attempt the update process again.



FW	V0.1.0000.57								
version Release	2023/11/3								
date									
New feature	1. Able to use of the "I	Hostname" to activate the	webpage. (<u>http://A</u>	<u>VerCamera</u>)					
Icature	P.S. The hostname is	s changeable.							
	AVer Cam	× +							
	$\leftarrow \bigcirc \qquad \bigoplus \text{AVerCamera/html/index.html?time=1698224298047_self} \qquad \square & & & & & & & & & & & & & & & & & &$								
	AVer	DHCP	Hostna	me					
		On On	Off AVerO	Camera					
	Live View	IP Address	Netmas						
	Camera Settings	192.168.1.69	255.2	255.255.255.0					
	Video & Audio		DNS	DNS					
	~*/	192.168.1.1	192.1	68.1.1					
	器 Network								
Improvement	11 Bug Fixed: When th	e tracking comera contur	as a large number of	f naonla random camara					
Improvement	11. Bug Fixed: When the tracking camera captures a large number of people, random camera								
	image delays or freezes may occur, rendering the webpage nonfunctional.								
	12. Optimized the configuration for the "Effective Tracking Area" on the webpage.								
	13. Optimized the image focus quality of preset after switching.								
	14. Optimized the activation of Multi-presenter mode.								
	15. Optimized the UVC streaming compatibility with Zoom Room app.								
	16. Support VISCA/CG	I inquiry for USB/UVC s	status						
	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					
			y0 50 01 FF	UVC stream on					
	17		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
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Know issues		n compatibility issue with		afari browser. Please use					
Know issues		n compatibility issue with on Apple devices for the		afari browser. Please use					
Know issues	the Chrome browser		e meantime.						
Know issues	6. There is a possibility within the system to	on Apple devices for the y of firmware update failu enhance auto-tracking p	e meantime. are due to significar erformance in this p	t modifications made articular firmware					
Know issues	6. There is a possibility within the system to version. As a result,	on Apple devices for the	e meantime. are due to significar erformance in this p s, there is a chance	t modifications made articular firmware					





ersion	V0.1.0000.48
elease	2023/5/18
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lew 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
	NTP Server pool.ntp.org
	Synchronize Time with PC Execute
	Date 2023-05-18 (yyyy-mm-dd) Manual
	Time 下午 03:44:14 ①
	Time Zone (GMT-12:00) Howland Island 🗸
	Set Cancel
	Auto reboot time, able to set a specific time for the camera to automatically reboot on a daily basis.Powe Power Schedule: Able set a specific time for the camera to power off by simply clicking 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.
	Auto reboot time, able to set a specific time for the camera to automatically reboot on a daily basis. Powe Power Schedule: Able set a specific time for the camera to power off by simply clickin on the designated blue cell. When you click the cell and its color change from blue to grey, i indicates that the camera will automatically power off during the specified period.
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	Auto reboot time, able to set a specific time for the camera to automatically reboot on a daily basis. Powe Power Schedule: Able set a specific time for the camera to power off by simply clickin on the designated blue cell. When you click the cell and its color change from blue to grey, i indicates that the camera will automatically power off during the specified period. Power Schedule Image: Color
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Improvement 18. Bug fixed: Resolved the issue where the effective zone was not appearing when setting the

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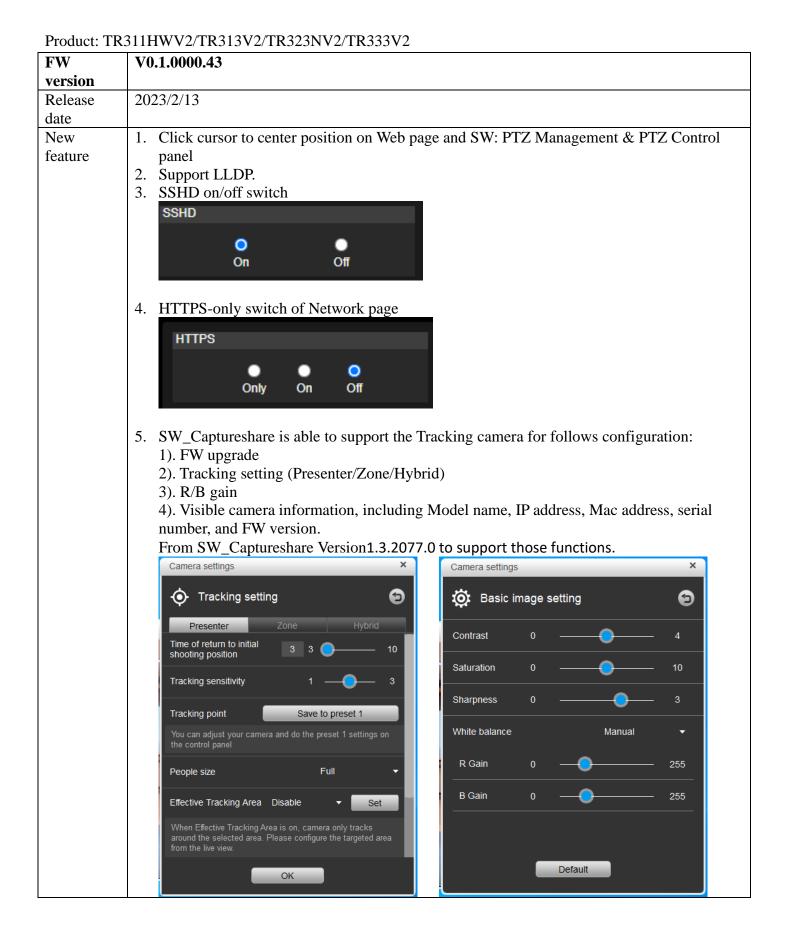




	effective zone on the tracking page using the Firefox web browser.
	19. Optimized UVC video performance for Barco ClickShare CX30.
	20. Optimized gesture control finger 2 zoom in/out accuracy.
Know issues	7. Web GUI has known compatibility issue with the Apple MAC Safari browser. Please use
	the Chrome browser on Apple devices for the meantime.
	8. 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.







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Software Up	odate / Firmware Upgrade		10UV2 👻 🔅 🕩 🕂 🚺	
Software Version:	1.3.2077.0 Check for Update		CaptureShare	
PTC310UV 🕶 Firmware Version:	0.1.0000.43 [C:H] Check for Upgrade	Image: Constraint of the set of the se	Model name IP address Serial number MAC address OK	PTC310UV2 10.100.105.238 1234567890123 02:00:70:98:76:5
i i i i i i i i i i i i i i i i i i i) (()) (())	Presenter	Mall	

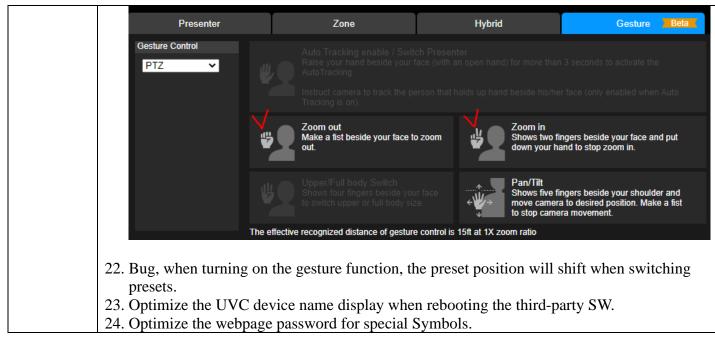
Command Set	Command	Command Packet	Comments
Multi-presenter	On	8x 01 04 A9 02 FF	
Multi-presenter	Off	8x 01 04 A9 03 FF	
Multi-presenter preset	Set	8x 01 04 AA pp FF	pp: 0x00 To 0xFF normal preset

7. Add 802.1X configuration.

		802.1x Ena	ble		Eap Metho	d			
			On	Off		O MD5	• TLS	O PEAP	
		Eap Setting							
		Identity			Password				
		Import			Private Key	Passwor	d		
		選擇檔案	未選擇任何檔案			_	_	_	
		Import							
		選擇檔案	未選擇任何檔案		Con	firm			
Improvement		-	oom-in gestur	e functions,	use "TW	O" to c	lo the	zoom-in fu	nct
	f	ollowing c	lescription.						











Product: TR311HWV2/TR313V2/TR323NV2/TR333V2

FW	V0.1.0000.35
version	
Release	2022/8/11
date	
New	None
feature	
Improvement	25. 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

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	AV er	DHCP		Hostname		
		On On	Off	AVer		
	Live View	IP Address		Netmask		
	Camera Settings	10.100.105.239		255.255.255.0		
	Video & Audio	Gateway		DNS		
	品 Network	10.100.105.254		10.100.1.5		Confirm
	• Tracking Settings	RTMP Settings		RTSP Security		HLS Settings
	NDI NDI	Server URL		On	Off	Stream URL
	-vv- System	Stream Key		RTSP Audio Enable		
	Tracking Control			On	Off	Start Stream STOP
	Tracking On Off Mode Presenter	SRT Settings				
	 Zone Hybrid 	Destination IP	Port 8889	Encryption None		
	Click Track	Latency 1000 ms	0009	Passphrase		
		Connect Status: Disconne	cted	Start Stream	STOP	
		HTTPS		Upload Certificate		
		On	Off	選擇檔案 未選擇任何	檔案 Upload	
5.	Ability to setting AF	mode				
	Mode: If Auto Focus					
	ntinuous AF: The cam					
	Trigger after PTZ: The			itically adjust	st focus e	every time when you
ber	form the pan, tilt, or z	Preset	.			
		_	Pan Speed	I	9	
	▲ ⊕		1 —	<u> o </u>	24	
	~	Focus	Tilt Speed		9	1.5m
	Zoom	Focus Near Limit	1 —	-0	- 24	1.5m × AF Trigger after PTZ
		Focus Near Limit 1.5m 🗸	1 Zoom Spee	ed ed	- 24	AF Trigger after PTZ Continuous AF
	Zoom Carteria Carteria Carteria Carteria Com	Focus Near Limit 1.5m AF Mode	1 Zoom Spee	• •	- 24	AF Trigger after PTZ
		Focus Near Limit 1.5m 🗸	1 Zoom Spee	ed High Low	- 24	AF Trigger after PTZ Continuous AF
6	Q	Focus Near Limit 1.5m AF Mode Continuous AF V		High Low	24	AF Trigger after PTZ Continuous AF AF Trigger after PTZ ✓
6.	Q	Focus Near Limit 1.5m · AF Mode Continuous AF · ander 720p: Sele	ect On to	High Low	sferring 1	AF Trigger after PTZ Continuous AF AF Trigger after PTZ ✓





	Priority Mode									
	S Live View									
	Camera Settings									
	Video & Audio 50Hz 59.94Hz 60Hz									
	문 Network Video Output Resolution									
	Tracking Settings									
	NDI Video Mode Allow Resolution Under 720p									
	-v- System									
	Tracking Control Stream Video Output Bitrate Encoding Type									
	Mode Presenter 1920x1080 4Mbps O									
	Cone Framerate I-VOP Interval (S) 1s Rate Control									
	Security Click Track 30 ✓ 1 O VBR CBR									
	Audio Input Type Audio Volume 5 USB Audio Enable									
	Line In MIC In 0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0									
	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.									
	 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.									





Product: TR311HWV2/TR313V2/TR333V2

AV

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 Tracking Sensitivity 2 Presenter Presenter Presenter Save Time of Return to Tracking Point 3 Presenter Save Presenter will zoom onto b focus on more people, so everybody is framed into the view. Please choose a preset below to be the zoom size for the multi-presenter bound into the view. Please choose a preset below to be the zoom size for the multi-presenter locus area. Undefined 1 Yhen Effective Tracking Area is on, camera only tracks around the selected area, please configure the targeted area from the live view. Auto Zoom is oft, camera stops zooming in/out automatically and shoots the presenter according to the shoot size of the present you choose.								
Improvement	26. Bug fixed: to enable/disable Auto Tracking by USB video is on/off. Image: 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 access the AVer knowledgebase, visit: <u>https://averusa.force.com/support/s/</u>			lission ont, CA		39		•	
For more technical help, please visit: <u>https://www.averusa.com/pro-av/support/</u>							đ	



