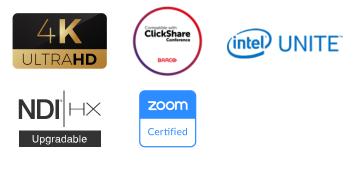


TR333V2

AI Auto Tracking

30X 4K PTZ Streaming Camera







Aler

Great Video. No Compromises.

The AVer TR333V2 AI Auto Tracking Camera delivers professional-grade lectures, sermons, trainings or whatever you need to stream! The 30X optical zoom, powerful 8MP camera and 4K resolution offer the range and picture quality to produce the highest quality productions. The advanced artificial intelligence (AI) technology allows you to track your speaker (full or half body) or pre-set shoot zone without a dedicated camera operator.

With 3G-SDI/HDMI/IP/USB output, PoE+, Visca control, and compatibility with all popular video platforms, you have all you need to connect with ease in any environment. Includes a ceiling mount to keep clear of live audiences below.

Our industry-leading AVerCare warranty program offers 3 years protection and 24-hour replacement to give you total peace of mind.







USB Output







Presenter Tracking

- Capture every interaction
- Either track full body or half body
- Simple click to track and manually follow an additional presenter via remote control or Web UI



Voice Tracking

With the aid of PTZ Link and select microphones, you can easily turn AVer PTZ camera to a voice tracking camera through setting preset points. Accomplish all this without having to hire expensive programmers!



Zone Tracking

- Establish preset zones
- Create video focused on content
- Enhance the capture of content on multiple displays



Wide Dynamic Range

The Wide Dynamic Range (WDR) of the camera uses special algorithms to balance dark or bright lighting for one clear image.



Hybrid Mode

Camera auto switch between
 Presenter vs Zone mode

AVer

- Combines the best features of Presenter and Zone mode
- Flexibility of tracking presenter freely or fixed content



Tally Light

Simplify multi-camera live video productions with an illuminated red light on the active camera.







Free Software for Users and **AV Managers**

Whether you need a simple tool to control your PTZ or TR camera, or manage over a hundred on your network, AVer has great options. CaptureShare and PTZ Management for desktop and AVer PTZ Control Panel for iPad have you covered. For new voice tracking features, look to PTZ Link. Visit our support page for easy download of our desktop software.

Compatible Software



Product Specifications

Pixel8MPOutput ResolutionResolution: 4K*/1080/720p Frame Rate: 60/59.94/50/30/29.97/25TV Line1200 (center/wide)Focal Lengthf=4.3 ~ 129mmIrisF=1.6 (Wide) ~ 4.7 (Tele)Optical Zoom30XDigital Zoom12XTotal Zoom360XD FOV72.9° (wide) ~ 2.54° (Tele)H FOV65.1° (wide) ~ 2.34° (Tele)V FOV38.4° (wide) ~ 1.36° (Tele)Minimum Illumiation0.6 lux (S0 IRE, F1.6, Max. AGC, 1/30, 30fp)Minimum Working DistanceWide 0.01 m, Tele 1.2mFocusAuto/ManualGainAuto/ManualGainAuto/ManualShutter Speed1/1 s to 1/10/000 sBLC (Back Light Compensation)YesExposureAuto, Manual, Priority AE (Shutter, IRIS), BLC, WDRInage EffectMirror/Flip Freeze/WDR/BLCParameterPan AngleParameterRange)Preset Number10.Locations by Remote, 256 vis R5232IP StreamingResolution (Max)Mide Compression12.007/SecPreset Number10.Locations by Remote, 256 vis R5232IP StreamingResolution (Max)Mice CompressionH264, H265, MUPEGAudio Compression </th <th>Camera</th> <th>Sensor Size</th> <th>1/2.8" CMOS</th>	Camera	Sensor Size	1/2.8" CMOS
Output Resolution Frame Rate: 60/59 94/50/30/29.97/25 "So far 4K can only support 30/29.97/25 TV Line 1200 (center/wide) Focal Length f=4.3 ~ 129mm Iris F=1.6 (Wide) ~ 4.7 (Tele) Optical Zoom 30X Digital Zoom 12X Total Zoom 360X Digital Zoom 12X Total Zoom 360X D FOV 72.9° (wide) ~ 2.54° (Tele) H FOV 65.1° (wide) ~ 2.34° (Tele) V FOV 38.4° (wide) ~ 1.36° (Tele) Minimum Illumination 0.6 lux (50 IRE, F1.6, Max. AGC, 1/30, 30fps) Minimum Working Wide 0.01m, Tele 1.2m Focus Auto/Manual Shutter Speed 1/1 s to 1/10,000 s BLC (Back Light Yes Compensation) Xeis Noise Reduction 2D/3D NR Frequency 50Hz & 60Hz S/N Ratio >50GB Image Effect Mirror/Flip Freeze/WDR/BLC WDR (Wide Dynamic Range) Yes Pan Control Speed		Pixel	8MP
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Initiality 100 mit of the constraints Tilt Angle -30° ~ +90° Pan Control Speed 0.1 ~ 100°/Sec Tilt Control Speed 0.1 ~ 100°/Sec Preset Speed Pan: 200°/Sec, Tilt: 200°/Sec Preset Number 10 Locations by Remote, 256 vis RS232 IP Streaming Resolution (Max) 4K (30PFS) Video Compression H.264, H.265,MJPEG Audio Compression AAC, PCM Protocol IPv6, IPv4, TCP, UDP, ARP, IMCP, IGMP, HTTP, DHCP, RTP/RTCP, RTSP, RTMP, VISCA over IP Bitrate 512Kbps ~ 32Mbps Bitrate Control Mode VBR/CBR Multi-stream Capability 4K mode: 4K30*1, 1080P30*1, 720P10*1 1080P60 mode:			Yes
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Tilt Control Speed 0.1 ~ 100°/Sec Preset Speed Pan: 200°/Sec, Tilt: 200°/Sec Preset Number 10 Locations by Remote, 256 vis RS232 IP Streaming Resolution (Max) 4K (30PFS) Video Compression H.264, H.265,MJPEG Audio Compression AAC, PCM Protocol IPv6, IPv4, TCP, UDP, ARP, IMCP, IGMP, HTTP, DHCP, RTP/RTCP, RTSP, RTMP, VISCA over IP Bitrate 512Kbps ~ 32Mbps Bitrate Control Mode VBR/CBR Multi-stream Capability 4K mode: 4K30*1, 1080P30*1, 720P10*1 1080P60 mode:		Tilt Angle	$-30^{\circ} \sim +90^{\circ}$
Preset Speed Pan: 200°/Sec, Tilt: 200°/Sec Preset Number 10 Locations by Remote, 256 vis RS232 IP Streaming Resolution (Max) 4K (30PFS) Video Compression H.264, H.265,MJPEG Audio Compression AAC, PCM Protocol IPv6, IPv4, TCP, UDP, ARP, IMCP, IGMP, HTTP, DHCP, RTP/RTCP, RTSP, RTMP, VISCA over IP Bitrate 512Kbps ~ 32Mbps Bitrate Control Mode VBR/CBR Multi-stream Capability 4K mode: 4K30*1, 1080P30*1, 720P10*1 1080P60 mode:		Pan Control Speed	0.1 ~ 100°/Sec
Preset Number 10 Locations by Remote, 256 vis RS232 IP Streaming Resolution (Max) 4K (30PFS) Video Compression H.264, H.265,MJPEG Audio Compression AAC, PCM Protocol IPv6, IPv4, TCP, UDP, ARP, IMCP, IGMP, HTTP, DHCP, RTP/RTCP, RTSP, RTMP, VISCA over IP Bitrate 512Kbps ~ 32Mbps Bitrate Control Mode VBR/CBR Multi-stream Capability 4K mode: 4K30*1, 1080P30*1, 720P10*1 1080P60 mode:		Tilt Control Speed	0.1 ~ 100°/Sec
IP Streaming Resolution (Max) 4K (30PFS) Video Compression H.264, H.265,MJPEG Audio Compression AAC, PCM Protocol IPv6, IPv4, TCP, UDP, ARP, IMCP, IGMP, HTTP, DHCP, RTP/RTCP, RTSP, RTMP, VISCA over IP Bitrate 512Kbps ~ 32Mbps Bitrate Control Mode VBR/CBR Multi-stream Capability 4K mode: 4K30*1, 1080P30*1, 720P10*1 1080P60 mode:			Pan: 200°/Sec, Tilt: 200°/Sec
Video Compression H.264, H.265,MJPEG Audio Compression AAC, PCM Protocol IPv6, IPv4, TCP, UDP, ARP, IMCP, IGMP, HTTP, DHCP, RTP/RTCP, RTSP, RTMP, VISCA over IP Bitrate 512Kbps ~ 32Mbps Bitrate Control Mode VBR/CBR Multi-stream Capability 4K mode: 4K30*1, 1080P30*1, 720P10*1 1080P60 mode:		Preset Number	10 Locations by Remote, 256 vis RS232
Audio CompressionAAC, PCMProtocolIPv6, IPv4, TCP, UDP, ARP, IMCP, IGMP, HTTP, DHCP, RTP/RTCP, RTSP, RTMP, VISCA over IPBitrate512Kbps ~ 32MbpsBitrate Control ModeVBR/CBRMulti-stream Capability4K mode: 4K30*1, 1080P30*1, 720P10*1 1080P60 mode:	IP Streaming	. ,	
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Bitrate Control Mode VBR/CBR Multi-stream Capability 4K mode: 4K30*1, 1080P30*1, 720P10*1 1080P60 mode:		Protocol	
Multi-stream Capability 4K mode: 4K30*1, 1080P30*1, 720P10*1 1080P60 mode:			
Multi-stream Capability 4K30*1, 1080P30*1, 720P10*1 1080P60 mode:		Bitrate Control Mode	VBR/CBR
		Multi-stream Capability	4K30*1, 1080P30*1, 720P10*1
NDI Protocol Upgradable		NDI Protocol	Upgradable
SRT Protocol Yes		SRT Protocol	Yes

ions		
I/O Interface	Video Output	3G-SDI, HDMI, IP, USB
	Audio Output	3G-SDI, HDMI, IP, USB
	Audio Input	MIC in/Line in
	Baud Rate	2400, 4800, 9600, 38400
	Control Interface	RS232/RS422/IP
	Control Protocol	VISCA/PELCO-D (RS232/RS422/IP), CGI (IP
	Network Interface	10/100/1000 Base - T
	USB	3.0
	POE+	PoE+ (IEEE802.3at)
	Power Requirements	12V
USB	Connector	USB3.0 (typeB)
	Video Format	MJPG, YUV
	Resolution (Max)	2160P
	Video Class	UVC 1.1
	Audio Class	UAC 1.0
Audio	Channel	2ch (stereo)
	Codec	AAC-LC(48K)/PCM(8K)
	Sample Rate	48Khz
System	IR Remote Control	Yes
	Tally	Yes
	Kensington Lock	Yes
	Power Consumption	18W
	Operating Temperature	0°C ~ +40°C
	Operating Humidity	20%~80%
	Storage Temperature	-20°C ~ +60°C
	Storage Humidity	20% ~ 95%
	Dimensions	W180*D145*H192mm
	Net Weight	2.0 kg (+/-0.1) (4.4 lbs)
	Application	Indoor
	Accessory	Remote control, 12V power adapter, power cable, Din8 to D-Sub9 cable, RS232 in/out cable, screw for mount, ceiling mount, cable fixing plates, quick guide.
	Software Tools	PTZ Management, PTZ Link, OBS Plug in, Control panel, CaptureShare.
Warranty	Camera	3 Years
	Accessories	1 Year
Tracking	Mode	Presenter, Zone, Hybrid
	Mechanism	Human detection (half or full body)
Ordering Info	Part Number	PATR333V2





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