TR335

AI Auto Tracking

30X 4K PTZ Streaming Camera

NDI|HX3 (intel) UNITE 4K ULTRAHD

zoom Certified

Compatible with ClickShare Conference BARCO

TAA NDAA COMPLIANT

AVerCare Pro AV Guarantee
24 Hour | 5 Year
Replacement | Warranty

Professional PTZ Camera Provider

AVer

Exceptional Video Quality with Zero Compromises

The AVer TR335 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. The TR335 includes a number of impressive upgrades from the previous generation TR333V2, including improved performance and simultaneous output on USB and IP.

| 3 Auto Tracking Modes | 30X Optical Zoom | 3G-SDI, HDMI, IP, USB Output | 4K Resolution | 8MP Picture | Wide Dynamic Range | Tally Light |

Harness the Magic of NDI|HX3

Includes the most recent edition of the NDI protocol is NDI® version 3 (NDI®|HX3). Features 4Kp60 NDI output with latency less than 100ms.
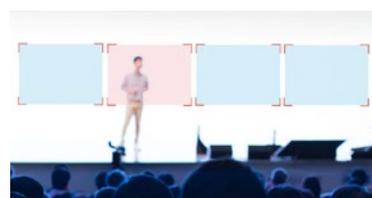

Presenter Tracking

- 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

Zone Tracking

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

Hybrid Mode

- Camera auto switch between Presenter vs Zone mode
- Combines the best features of Presenter and Zone mode
- Flexibility of tracking presenter freely or fixed content

Voice Tracking

Upgrade your audiovisual setup with AVer PTZ cameras and select compatible microphones for precise voice tracking using the camera preset points. Run PTZ Link software on in-room UC compute or PC or integrate MT300N for worry free security and OS updates. No need for costly programmers!

4K 60 FPS

The TR315 can stream in 4K at 60 fps through HDMI, USB, and IP outputs. With simplified setups and without the hassle of tangled cables, you can seamlessly utilize multiple devices at once to create smooth video streams.

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 With

CRESTRON · echo360 · Extron · Microsoft Teams · Panopto · KALTURA · vMix · BARCO · ZOOM · telestream · NewTek · Q-SYS

Product Specifications

Camera		
	Sensor Size	1/2.8" CMOS
	Pixel	8MP
	Output Resolution	Resolution : 4K/1080p/720p Frame Rate : 60/59.94/50/30/29.97/25
	TV Line	1400 (center/wide)
	Focal Length	f=3.9 ~ 46.8mm
	Iris	F=1.6 (Wide) ~ 2.8 (Tele)
	Optical Zoom	30X
	Digital Zoom	12X
	Total Zoom	12X
	D FOV	69.2° (wide) ~ 2.8° (Tele)
	H FOV	62.3° (wide) ~ 2.5° (Tele)
	V FOV	37.3° (wide) ~ 1.4° (Tele)
	Minimum Illumination	0.5 lux (50 IRE, F1.6, Max. AGC, 1/30)
	Minimum Working Distance	Wide 0.1m, Tele 1.2m
	Focus	Auto/Manual/One Push
	White Balance	Auto/Manual
	Gain	Auto/Manual
	Shutter Speed	1/1 s to 1/10,000 s
	BLC (Back Light Compensation)	Yes
	Exposure	Auto, Manual, Priority AE (Shutter, IRIS), BLC, WDR
	Noise Reduction	2D/3D NR
	Frequency	50Hz & 60Hz
	S/N Ratio	≥50dB
	Image Effect	Mirror/Flip Freeze/WDR/BLC
	WDR (Wide Dynamic Range)	Yes
Parameter	Pan Angle	-170° ~ +170°
	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 (60PFS)
	Video Compression	H.264, H.265, MJPEG
	Audio Compression	AAC
	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	4:USB/HDMI/IP/3G-SDI* MAX: 2160P60 *3G-SDI only support 1080p60
	NDI®|HX3 capability	Yes

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	RS-232/RS-422/Ethernet
	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
	Resolution (Max)	2160P
	Video Class	UVC 1.1
	Audio Class	UAC 1.0
Audio	Channel	2ch (stereo)
	Codec	AAC-LC(48K)
	Sample Rate	48Khz
System	IR Remote Control	Yes
	Tally	Yes
	Kensington Lock	Yes
	Power Consumption	18W
	Operating Temperature	0℃ ~ +40℃
	Operating Humidity	20%~80%
	Storage Temperature	-20℃ ~ +60℃
	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, ceiling mount(x2), M2x4mm screw(x3), M3x4mm screw(x3), cable fixing plates, cable ties(x4), drilling paper, quick guide.
	Optional Accessories	Wall mount, Camera Controller(CL01)
Warranty	Camera	5 Years
	Accessories	1 Year
Tracking	Mode	Presenter, Zone, Hybrid, Gesture Control
	NDI	Yes
Ordering Info	Part Number	PATR335V3

PoE+
RS232
RS422
USB TypeB
Audio In
HDMI
3G-SDI
DC 12V

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