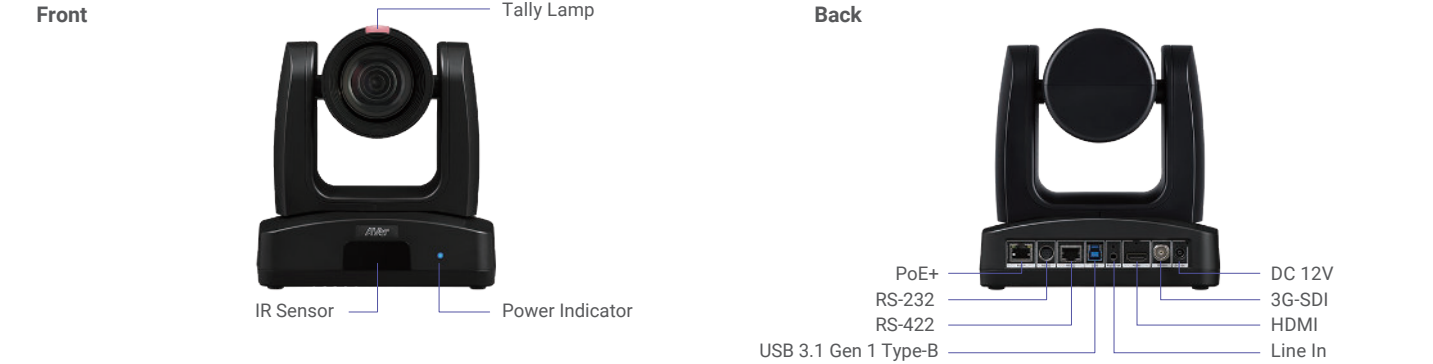


Product Specifications

Camera		General	
Image Sensor	1/2.8" 4K Exmor CMOS	Power Requirement	AC 100 - 240V to DC 12V/5A
Effective Picture Elements	8 Megapixels	Power Consumption	18W
Output Resolutions	4K/60, 4K/59.94, 4K/50, 4K/30, 4K/29.97, 4K/25, 1080p/60, 1080p/59.94, 1080p/50, 1080p/30, 1080p/29.97, 1080p/25, 1080i/60, 1080i/59.94, 1080i/50, 720p/60, 720p/59.94, 720p/50	PoE	PoE+
		Dimensions (W x H x D)	180.0 x 192.0 x 145.0 mm
		Net Weight	2.0 (±0.1) kg
		Application	Indoor
Minimum Illumination	0.5 lux (IRE50, F1.6, 30fps)	Tally Lamp	Yes
S/N Ratio	≥ 50 dB	Security	Kensington Slot
Gain	Auto, Manual	Remote Control	Infrared
TV Line	1600 (Center)	Operating Conditions	Temperature : 0 °C to +40 °C ; Humidity : 20% to 80%
Shutter Speed	1/1 to 1/32,000 sec	Storage Conditions	Temperature : -20 °C to +60 °C ; Humidity: 20% to 95%
Exposure Control	Auto, Manual, Priority AE (Shutter, IRIS), BLC, WDR	IP Streaming	
White Balance	Auto, Manual	Resolution	2160p 60fps
Optical Zoom	30X	Network Video Compress Formats	H.264, H.265, MJPEG
Digital Zoom	12X	Network Audio Compress Formats	AAC-LC (48K), PCM (8K)
Total Zoom	360X	Maximum Frame Rate	2160p 60fps
Viewing Angles	DFOV : 69.2° (Wide) to 2.8° (Tele) HFOV : 62.3° (Wide) to 2.5° (Tele) VFOV : 37.3° (Wide) to 1.4° (Tele)	Bit-Rate Control Modes	VBR, CBR (selectable)
		Range of Bit-Rate Setting	512 Kbps to 32 Mbps
		Network Interface	10 / 100 / 1000 Base-T
		Multi-Stream Capability **	5 4K 60fps: RTSP, HDMI, USB, & NDI® HX3 / Dante AV-H 1080p 60fps: 3G-SDI
Focal Length	f = 4.5 mm (Wide) to 135 mm (Tele)	Network Protocols	IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, DHCP, RTP / RTCP, RTSP, RTMP, SRT, HLS, NDI, LLDP, VISCA over IP
Aperture (Iris)	F = 1.8 (Wide) to 4.7 (Tele)	AV over IP Protocols	NDI® HX3 & Dante AV-H
Minimum Working Distance	0.1 m (Wide), 1.2 m (Tele)	USB	
Pan / Tilt Angles	Pan : ±170°, Tilt : +90° / -30°	Connector	USB 3.1
Pan / Tilt Speed (Manual)	Pan : 0.1° to 100° / sec, Tilt : 0.1° to 100° / sec	Video Format	MJPEG, YUY2
Preset Speed	Pan : 200° / sec, Tilt : 200° / sec	Audio Format	PCM
Preset Positions	10 (IR), 256 (RS-232 / RS-422 / IP)	Maximum Video Resolution	2160p
Camera Control - Interface	RS-232 (DIN8), RS-422 (RJ45), IP, USB	USB Video Class (UVC)	UVC 1.1
Camera Control - Protocols	VISCA (RS-232 / RS-422 / IP), PELCO-D & PELCO-P (RS-232 / RS-422), CGI (IP), USB, ONVIF	USB Audio Class (UAC)	UAC 1.0
Image Processing	Noise Reduction (2D / 3D), Flip, Mirror, WDR, BLC	Web UI	
Power Frequencies	50 Hz, 60 Hz	Live Video Preview	Yes
AI Auto Tracking Functions		Camera PTZ Control	Pan, Tilt, Zoom, Focus, Preset Control
Tracking Modes	Presenter Mode, Zone Mode, Hybrid Mode	Camera/Image Adjustment	Exposure, White Balance, Picture
Privacy Protection Mechanisms		Network Configuration	DHCP, IP Address, Gateway, Subnet Mask, DNS
Protection Mode	Sleep Mode	Software Tools	
AI Control Functions		IP Search and Configuration Tool	Support Windows® 7 or later
Gesture Control	Yes	Enterprise Management (PTZ Management)	Support Windows® 10 or later
Audio		PTZ Control Panel	Supports iOS & iPadOS® 9 or later
Channel	2ch Stereo	PTZ Link	Supports Windows® 7 or later, macOS® 10.14 or later
Codec	AAC-LC (48K), PCM (8K)	OBS Plugin for PTZ Cameras	Supports Windows® 8 or later, macOS® High Sierra v10.13 or later
Sample Rates	48 / 44.1 / 32 / 24 / 16 / 8 KHz	CaptureShare	Supports Windows® 7 or later, macOS® 10.14 or later
Interface		Room Management (PTZApp 2)	Supports Windows® 7 or later, macOS® 11.6 or later
Video Outputs	3G-SDI, HDMI, IP, USB	Cloud Management	Supports Windows® 7 or later, macOS® 10 or later
Audio Outputs	3G-SDI, HDMI, IP, USB	Package Contents	
Audio Inputs	Mic in, Line in	Camera, Remote Control, RS-232 In/Out Cable, Din 8 To D-Sub 9 Cable, Power Adapter, Power Cord, Cable Ties (x4), M2 x 4 mm Screws (x3), M3 x 6 mm Screws (x3), 1/4"-20L 6.5mm Screws (x2), Cable Fixing Plate, Ceiling Mount Brackets (x2), Drilling Paper, Quick Start Guide	
Warranty		Optional Accessories	
Camera	5 Years	AVer CL01 PTZ Camera Controller, L-Type Wall Mount	
Accessories	1 Year		

* Specifications may vary depending on location and are subject to change without notice.
** When choosing NDI® HX3 Mode, USB video will be disabled.

Product Appearance



Distributor/Dealer



AVer TR335

AI Auto Tracking PTZ Camera



NDIHX3 Dante AV-H™





AVer's new TR335 AI Auto Tracking PTZ Camera extends powerful and dependable Pro AV prowess to users across the spectrum of industries. The TR335 showcases proprietary functions — including Presenter Mode, Zone Mode, and Hybrid Mode tracking — driven by advanced AI processing. Seamlessly blending a 30X Optical Zoom lens, 4K 60 fps resolution, and the finesse of hybrid auto tracking and smooth PTZ operations, it's already the quintessential choice for broadcasting, streaming, or recording.

30X Optical Zoom Magnifies Details

Experience the exceptional power of the TR335 camera's astounding 30X optical zoom. This feature seamlessly operates even while the camera is panning and tilting, granting you the ability to accentuate content and quickly shift between shooting perspectives. Embrace the advantage of dynamic, crystal-clear video feeds through the TR335's unparalleled PTZ performance.



30X Optical Zoom

HDMI / USB / IP. 4K 60 FPS

Leverage the TR335's 4K 60 fps streaming potential through HDMI, USB, and IP outputs. Free from intricate configurations and cable entanglements, you can effortlessly use multiple devices simultaneously to produce fluid video streams.



AI Auto Tracking Makes Streaming Smart & Effortless

Powered by highly precise processing, AVer's cutting-edge AI Auto Tracking algorithms easily identify and capture human figures and moving objects. You'll never lose track of your target again with the TR335's unmatched tracking precision.



Presenter Mode

Get unparalleled tracking performance with Presenter Mode. This dynamic feature empowers presenters to venture beyond the stage to engage with their audience while the camera maintains seamless tracking.



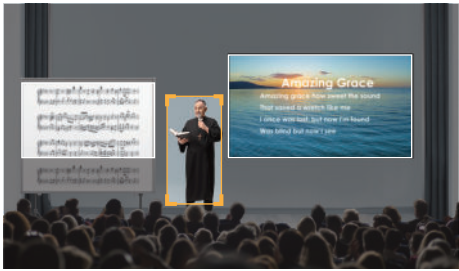
Zone Mode

Zone Mode elevates your ability to capture content across multiple displays. Generate up to four dedicated Content Zones to consistently capture displayed information or items, prioritizing important presentation materials over the presenter's movements.



Hybrid Mode

Free your performers by enabling unrestricted movement with Hybrid Mode. Use preset areas for zone tracking, letting the camera seamlessly switch to a full view of each pre-defined location as performers move through the areas. If they move beyond these zones, the camera seamlessly adapts, switching to presenter mode to effortlessly and precisely track their movements.



4K Ultra HD Resolution



30X Optical Zoom



IP/HDMI/USB/3G-SDI



Intuitive Web UI



5-Year Warranty



Human Detection AI



Presenter Mode



Zone Mode



Hybrid Mode



Voice Tracking*

* Voice Tracking requires PTZ Link.