

The background of the advertisement is a photograph of a large lecture hall. A lecturer is standing at the front of the room, pointing at a whiteboard. The whiteboard contains handwritten notes and diagrams. The audience is seated in rows of chairs, facing the front of the room. The ceiling is white with recessed lighting. The overall scene is brightly lit and professional.

NDI® DUAL LENS POWERED TRACKING

AVer TR535N










NDI® Dual Lens Auto Tracking Camera



AVer TR535N

NDI® Dual Lens Auto Tracking Camera

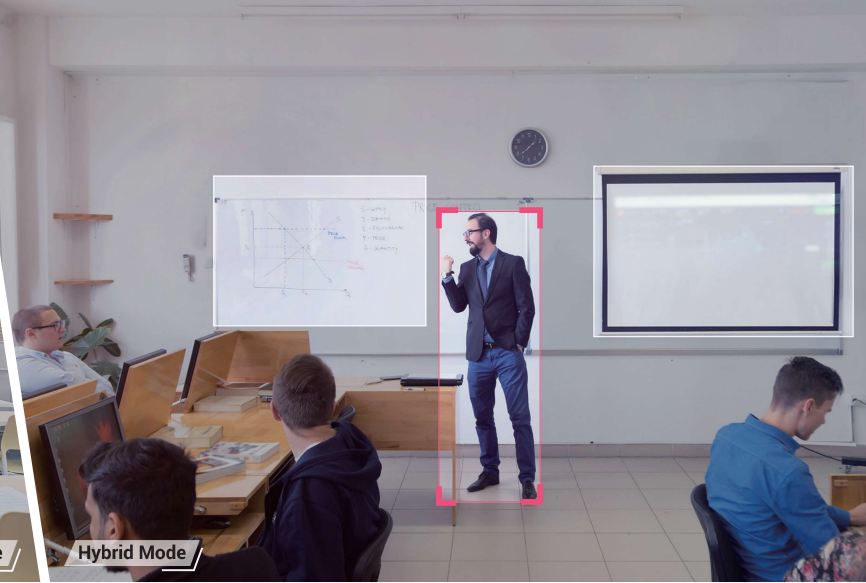
Enter the future of streaming excellence with AVer's TR535N, featuring NDI® High Bandwidth integration and AI auto tracking capabilities for diverse applications. The TR535N offers a stellar 30X zoom and a sweeping wide-angle view. The wide-angle lens captures the whole scene while the 4K PTZ camera zooms in for close-ups, ensuring complete coverage. Fueled by four advanced AI-driven tracking modes, the TR535N delivers unparalleled precision for broadcasting, streaming, and recording environments.

-  NDI® High Bandwidth
-  Dual Lens Design
-  4K Ultra HD
-  30X Optical Zoom
-  Versatile Camera Outputs
-  4 AutoTracking Modes
-  Multi-Presenter Detection
-  PIP Mode
-  Voice Tracking*
-  5-Year Warranty

*Voice Tracking requires PTZ Link or MT300(N).



Zone Mode



Hybrid Mode



Presenter Mode



Segment Mode

NDI® High Bandwidth for Ultra-low Latency

Access unparalleled streaming excellence with the TR535N's NDI® High Bandwidth technology! Experience the almost lossless compression, ultra-low latency, and pristine image quality that simplify even the most intricate setups, effortlessly redefining the landscape of modern video content sharing and production.

Mind-Blowing 30X Optical Zoom Capability

Delve into the astounding capabilities of the TR535N's 30X optical zoom lens. This feature seamlessly operates during panning and tilting, enabling content accentuation and rapid perspective shifts. Experience dynamic, crystal-clear video feeds, courtesy of the TR535N's unmatched performance.

Dual Lens Design

TR535N's dual lens design combines a 110° FOV wide-angle and a PTZ camera. Leverage both for superior auto tracking: the wide-angle camera identifies the whole scene, while the PTZ camera provides precise tracking, ensuring continuous focus on targets.

Dual HDMI/USB/IP. Simple Configurations Boost Your Productivity

Activate the TR535N's 4K streaming through 2 HDMI, USB, and IP ports. A pair of HDMI outputs connect to two monitors for simultaneous display and capturing. Two separate USB streams via one USB cable to PC/laptop enable independent recording and streaming. Streamline your setup for fluid video production without tangled cables.

AI Tracking Modes for Every Scenario

Elevate your presentations with four AI tracking modes tailored to personalized scenarios. From lectures, sports, to live performances, enjoy seamless adaptability, ensuring optimal focus and clarity for every moment and enhancing your audience's experience in extra-large spaces.

Product Specifications

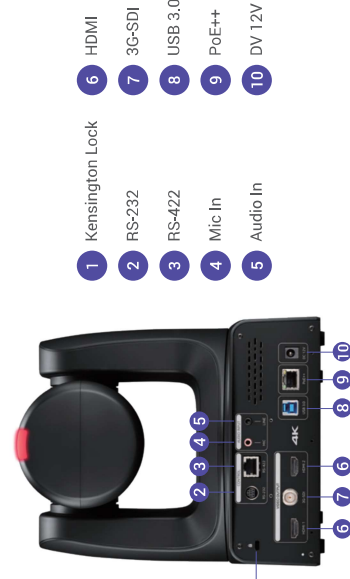
PTZ Camera		General
Image Sensor	1/2.8" 4K Exmor CMOS	Power Requirement AC 100 - 240V to DC 12V/5A
Effective Picture Elements	8 Megapixels	Power Consumption 29W
Output Resolutions	4K/60, 4K/59.94, 4K/50, 4K/30, 4K/29.97, 4K/25, 1080p/60, 1080p/59.94, 1080p/50, 1080p/30, 1080p/29.97, 1080p/25, 1080p/60, 1080p/59.94, 1080p/50, 720p/60, 720p/59.94, 720p/50	PoE PoE++
Minimum Illumination	0.5 lux (IRE50, F1.6, 30fps)	Dimensions (W x H x D) 202.5 x 250.7 x 218.5 mm
S/N Ratio	≥ 50 dB	Net Weight 3.6 (±0.1) kg
Gain	Auto, Manual	Application Indoor
TV Line	1600 (Center)	Tally Lamp Yes
Shutter Speed	1/1 to 1/10,000 sec	Security Kensington Slot
Exposure Control	Auto, Manual, Priority AE (Shutter, IRIS), BLC, WDR	Remote Control Infrared
White Balance	Auto, Manual, ATW, One Push, Indoor, Outdoor	Operating Conditions Temperature : 0 °C to +40 °C ; Humidity : 20% to 80%
Optical Zoom	30X	Storage Conditions Temperature : -20 °C to +60 °C ; Humidity: 20% to 95%
Digital Zoom	30X	IP Streaming
Total Zoom	30X	Resolution 4K 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)	Network Video Compress Formats H.264, H.265, MJPEG
Focal Length	f = 4.5 mm (Wide) to 135 mm (Tele)	Network Audio Compress Formats AAC-LC (48 K)
Aperture (Iris)	F = 1.8 (Wide) to 4.7 (Tele)	Maximum Frame Rate 2160p 60fps
Minimum Working Distance	0.1 m (Wide), 1.2 m (Tele)	Bit-Rate Control Modes VBR, CBR (selectable)
Pan / Tilt Angles	Pan: ±170°, Tilt: +90° / -30°	Range of Bit-Rate Setting 512 Kbps to 64 Mbps
Pan / Tilt Speed (Manual)	Pan: 0.1° to 100° / sec, Tilt: 0.1° to 100° / sec	Network Interface 10 / 100 / 1000 / 2500 Base-T
Preset Positions	10 (IR), 256 (RS-232 / RS-422 / IP)	Multi-Stream Capability 10 4K 60fps: RTSP (x2), HDMI (x2), USB (x2), NDI® High Bandwidth (x1), & NDI® HX2 (x2) 1080p 60fps: 3G-SDI
Camera Control - Interface	RS-232 (DIN8), RS-422 (RJ45), IP, USB	Network Protocols RTSP, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, DHCP, IPv4, TCP, RTSP, RTMP, SRT, HLS, NDI, LLDP, VSCA over IP
Camera Control - Protocols	VSCA (RS-232 / RS-422 / IP), PELCO-D & PELCO-P (RS-232 / RS-422), CGI (IP), USB, ONVIF	Yes Yes N / A N / A
Image Processing	Noise Reduction (2D / 3D), Flip, Mirror, WDR, BLC	USB
Power Frequencies	50 Hz, 60 Hz	USB 3.2 Gen 1
Wide Angle Camera		Connector MJPEG, YUY2
Image Sensor	1/2.8" 4K Low Lux CMOS	Video Format PCM
Effective Picture Elements	8 Megapixels	Audio Format 2160p
Output Resolutions	4K/30	Maximum Video Resolution UVC 1.1
Focal Length	2.22 mm	USB Video Class (UVC)
White Balance	Auto	USB Audio Class (UAC)
Exposure	Auto	Web UI
Viewing Angles	DFOV: 113°, HFOV: 105°, VFOV: 71°	Live Video Preview Yes
Pan / Tilt Angles	Tilt: ±18° / -90°	Camera PTZ Control Pan, Tilt, Zoom, Focus, Preset Control
AI Auto Tracking Functions		Camera/Image Adjustment Exposure, White Balance, Picture
Tracking Modes	Presenter Mode, Zone Mode, Hybrid Mode, Segment Mode	Network Configuration DHCP, IP Address, Gateway, Subnet Mask, DNS
Privacy Protection Mechanisms		Software Tools
Protection Mode	Sleep Mode	IP Search and Configuration Tool Support Windows® 7 or later
Audio		PTZ Management Support Windows® 7 or later
Channel	2ch Stereo	PTZ Control Panel Supports iOS & iPadOS® 9 or later
Codec	AAC-LC (48K)	PTZ Link Supports Windows® 7 or later, macOS® 10.14 or later
Sample Rates	48 KHz	OBS Plugin for PTZ Cameras Supports Windows® 8 or later, macOS® High Sierra v10.13 or later
Interface		CaptureShare Supports Windows® 7 or later, macOS® 10.14 or later
Video Outputs	3G-SDI, HDMI x 2, IP, USB	Warranty
Audio Outputs	3G-SDI, HDMI x 2, IP, USB	Camera 5 Years
Audio Inputs	Mic in, Line in	Accessories 1 Year
Package Contents	Camera, Remote Control, RS-232 In/Out Cable, Din 8 To D-Sub 9 Cable, Power Adapter, Power Cord, Cable Tie (x7), M2 x 4 mm Screw (x5), M3 x 6 mm Screw (x3), 1/4"-20L 6.5 mm Screw (x2), Cable Fixing Plate (x2), Ceiling Mount Bracket (x2), Drilling Paper, Quick Start Guide	
Optional Accessories	Aver CL01 PTZ Camera Controller, L-Type Wall Mount	

* Specifications may vary depending on location and are subject to change without notice.

Product Appearance



Front



Back



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Distributor/Dealer

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