

AVer

**DUAL LENS
POWERED TRACKING**

AVer TR535

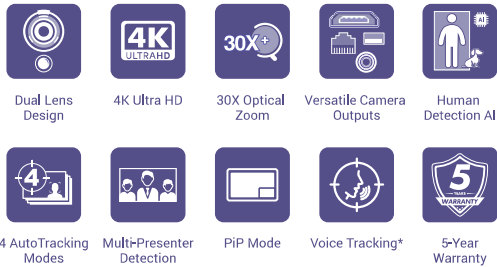
Dual Lens Auto Tracking Camera



AVer TR535

Dual Lens Auto Tracking Camera

Enter the future of streaming excellence with AVer's TR535, featuring AI auto tracking capabilities for diverse applications. The TR535 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 TR535 delivers unparalleled precision for broadcasting, streaming, and recording environments.



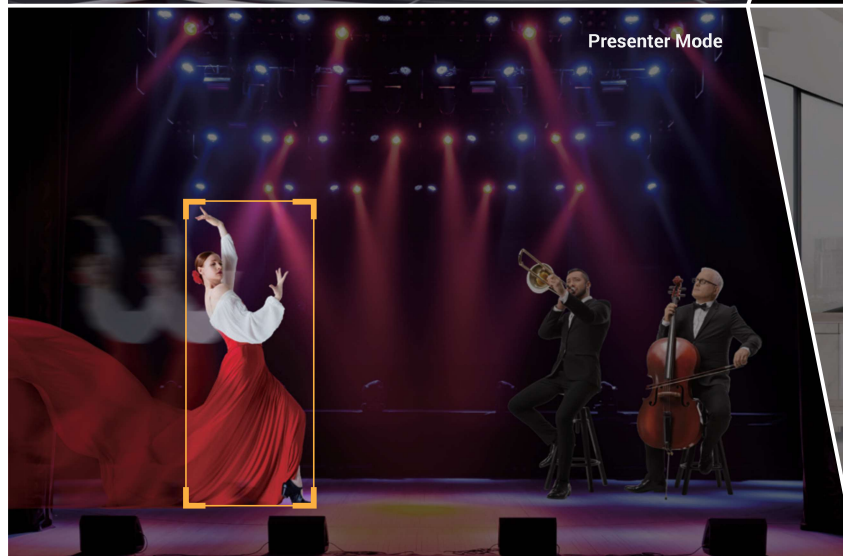
* Voice Tracking requires PTZ Link or MT300(N).



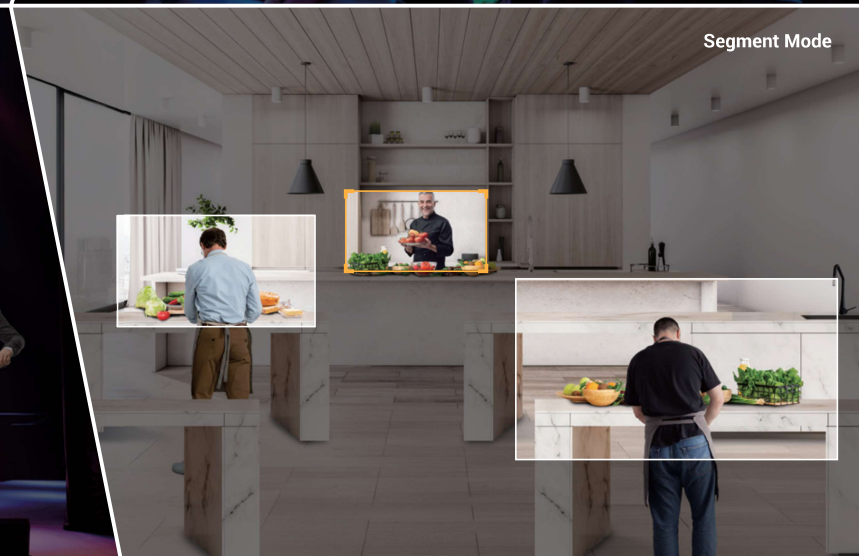
Zone Mode



Hybrid Mode



Presenter Mode



Segment Mode

Incredible Detail X Dual Lens Design

Empower your performances with the TR535's powerful 30X optical zoom PTZ camera delivering detailed shots of specific points of interest. Enhanced by a wide-angle camera, the TR535's AI tracking has greater accuracy, offering expansive views for your audience. The dual lens design minimizes blind spots, ensuring nearly 360-degree coverage with remarkable tracking precision.

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

Activate the TR535'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.

Presenter Mode: Freedom for the Presenter

Discover dynamic tracking precision with Presenter Mode, which breaks through the boundary of the stage. This mode grants the presenter the freedom to interact with the audience while the camera smoothly tracks him/her.

Zone Mode: No More Distractions During Presentations

Maximize your content capturing potential with Zone Mode. With this mode activated, you can create up to four dedicated preset zones to prioritize essential presentation materials over the presenter's constant movement.

Hybrid Mode: Meet Diverse Needs

Hybrid Mode merges presenter and zone tracking to enhance flexibility for the presenter. By employing pre-defined areas for zone tracking, the camera effortlessly transitions to capture the performer's movements. When the performer moves beyond these zones, the camera seamlessly adapts to presenter mode.

Segment Mode: Unparalleled Customizability

Segment Mode offers more focus areas than ever before. Simply set the tracking area first, then designate preset points within that area that you want to emphasize. Doing so ensures important elements always stay in frame. By covering a wider area, you'll reduce the need for multiple cameras, leading to a more cost-effective event capturing solution.

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 | 3.5 (±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 | 1X | 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 | Pan: 200° / sec, Tilt: 200° / sec | Multi-Stream Capability | 7 4K 60fps: RTSP (x2), HDMI (x2), & USB (x2) 1080p 60fps: 3G-SDI |
| Camera Control - Interface | RS-232 (DIN8), RS-422 (RJ45), IP, USB | Network Protocols | IPV4, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, DHCP, RTP / RTCP, RTSP, RTMP, SRT, HLS, NDI, LLDP, VISCA over IP |
| Camera Control - Protocols | VISCA (RS-232 / RS-422 / IP), PELCO-D & PELCO-P (RS-232 / RS-422), CGI (IP), USB, ONVIF | NDI® High Bandwidth | N / A |
| Image Processing | Noise Reduction (2D / 3D), Flip, Mirror, WDR, BLC | NDI® HX2 | |
| Power Frequencies | 50 Hz, 60 Hz | NDJ® Genlock | |
| Wide Angle Camera | | NDI® Embedded Bridge | |
| Image Sensor | 1/2.8" 4K Low Lux CMOS | USB | |
| Effective Picture Elements | 8 Megapixels | Connector | USB 3.2 Gen 1 |
| Output Resolutions | 4K/30 | Video Format | MJPEG, YUY2 |
| Focal Length | 2.22 mm | Audio Format | PCM |
| White Balance | Auto | Maximum Video Resolution | 2160p |
| Exposure | Auto | USB Video Class (UVC) | UVC 1.1 |
| Viewing Angles | DFOV: 113°, HFOV: 105°, VFOV: 71° | USB Audio Class (UAC) | UAC 1.0 |
| Pan / Tilt Angles | Tilt: +18° / -90° | Web UI | |
| AI Auto Tracking Functions | | Live Video Preview | Yes |
| Tracking Modes | Presenter Mode, Zone Mode, Hybrid Mode, Segment Mode | Camera PTZ Control | Pan, Tilt, Zoom, Focus, Preset Control |
| Privacy Protection Mechanisms | | Camera/Image Adjustment | Exposure, White Balance, Picture |
| Protection Mode | Sleep Mode | Network Configuration | DHCP, IP Address, Gateway, Subnet Mask, DNS |
| Audio | | Software Tools | |
| Channel | 2ch Stereo | IP Search and Configuration Tool | Support Windows® 7 or later |
| Codec | AAC-LC (48K) | PTZ Management | Support Windows® 7 or later |
| Sample Rates | 48 KHz | PTZ Control Panel | Supports iOS & iPadOS® 9 or later |
| Interface | 3G-SDI, HDMI x 2, IP, USB | PTZ Link | Supports Windows® 7 or later, macOS® 10.14 or later |
| Video Outputs | 3G-SDI, HDMI x 2, IP, USB | OBS Plugin for PTZ Cameras | Supports Windows® 8 or later, macOS® High Sierra v10.13 or later |
| Audio Outputs | Mic in, Line in | CaptureShare | Supports Windows® 7 or later, macOS® 10.14 or later |
| Audio Inputs | 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 6.5mm Screw (x2), Cable Fixing Plate (x2), Ceiling Mount Bracket (x2), Drilling Paper, Quick Start Guide | Warranty | |
| Package Contents | AVer CL01 PTZ Camera Controller, L-Type Wall Mount | Camera | 5 Years |
| Optional Accessories | | Accessories | 1 Year |

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

Product Appearance

Front



Back



©2024 AVer Information Inc. All rights reserved.
All brand names and logos are trademarks of their respective companies.

www.aver.com



Learn More



Distributor/Dealer

202409