



AVer Pro AV Solutions

| Product Catalog |



Pro AV Solutions Provider

PRO AV CAMERAS

Broadcast, stream, and record—all with one camera!

Equipped with optical zooms and advanced AI tracking technology, Professional PTZ Cameras capture every detail of classrooms, auditoriums, stages, conference rooms, and houses of worship.

License Upgrade
to NDI®



TR335 / TR335N **NDI HX** TR315 / TR315N **NDI HX**

- 4K Ultra HD 60fps
- 30X/12X Optical Zoom
- NDI® HX Compatible*
- AI Auto Tracking Modes: Presenter/Zone/Hybrid

* TR335N / TR315N only ** Available in 2024Q2



TR200 & TR300
Intro Video



TR211

- Full HD 1080p 60fps
- 12X Optical Zoom
- License Upgrade* to NDI®
- AI Auto Tracking Modes: Presenter/Zone/Hybrid

* Available in 2024Q2

Auto Tracking Cameras



PTC310UV2

- 4K Ultra HD 30fps
- 12X Optical Zoom
- License Upgrade to NDI®
- AI Auto Tracking Modes: Presenter/Zone/Hybrid



Voice Tracking Partners





TR535 TR535N FULL NDI

- 4K Ultra HD 60fps
- 30X Optical Zoom
- Dual Lens Design
- Full NDI® Compatible*
- AI Auto Tracking Modes:
Presenter/Zone/Hybrid/Segment

* TR535N only ** Available in 2024Q2



PTC500+

- Full HD 1080p 60fps
- 30X Optical Zoom
- Dual Lens Design
- Multi-Presenter Detection
- AI Auto Tracking Modes:
Wide Area/Stage/Segment



PTC500S
Intro Video

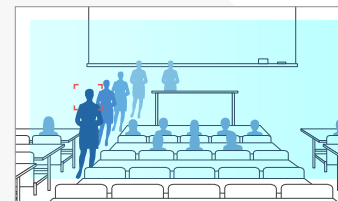


PTC115+

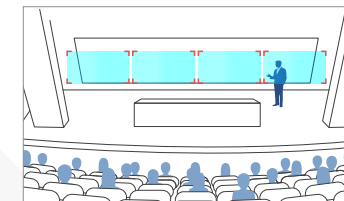
- Full HD 1080p 60fps
- 22X Optical Zoom
- Dual Lens Design
- Multi-Presenter Detection
- AI Auto Tracking Modes:
Wide Area/Stage/Segment



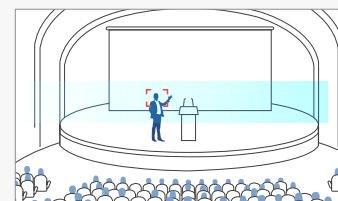
PTC115
Intro Video



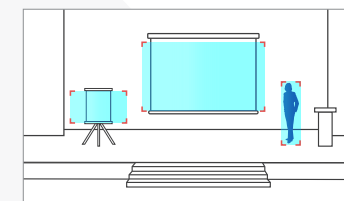
Wide Area Mode / Presenter Mode



Segment Mode / Zone Mode



Stage Mode



Hybrid Mode

Pro AV Strategic Partners



PTZ Cameras



PTZ330UV2 PTZ330UNV2 **NDI-HX3**

- 4K Ultra HD 60 fps
- 30X Optical Zoom
- NDI® HX3 Compatible*
- AI Function: SmartShoot

* PTZ330UNV2 only



PTZ310UV2 PTZ310UNV2 **NDI-HX3**

- 4K Ultra HD 60 fps
- 12X Optical Zoom
- NDI® HX3 Compatible*
- AI Function: SmartShoot

* PTZ310UNV2 only



PTZ231 PTZ211

- Full HD 1080p 60fps
- 30X/12X Optical Zoom
- License Upgrade* to NDI®
- AI Function: SmartShoot

* Available in 2024Q2

Value-added Software



CaptureShare



PTZ Control Panel



PTZ Link



PTZ Management



OBS Plugin for PTZ Cameras



PTZ300V2
Intro Video

PTZ Camera Controller

CL01

- Pan/Tilt/Zoom Speed Control
- Control 255 PTZ Cameras
- Multiple Control Interfaces
- VISCA/Pelco-D/Pelco-P



MATRIX TRACKING BOXES

Step into the future of audio-visual mastery with AVer's Matrix Tracking Box. This cutting-edge multimedia marvel redefines the game by effortlessly integrating content from multiple sources on a unified platform. Whether it's meetings, training sessions, or classrooms, AVer's Matrix Tracking Box delivers the epitome of high-tech multimedia management.



MT300 MT300N **NDIHX**

- 4K Ultra HD 60 fps
- Multiple Inputs/Outputs
- View 4 Live Videos
- Support NDI® HX3 Cameras Inputs
- NDI® HX Video Outputs*
- Built-in PTZ Link Premium for Voice-based Tracking

* MT300N only



MT300(N)
Intro Video

Supported Microphone Systems



Pro AV Cameras



TR335(N)
TR315(N)



TR211



PTC330UV2



PTC320U(N)V2



PTC310UV2



PTC310HVV2



TR535(N)

PTZ Camera

| | | | | | | | |
|-----------------------------------|--|-----------------------------|------------------------------|-------------------------------|-------------------------|-------------------------|-----------------------------|
| Effective Picture Elements | 8 Megapixels Exmor CMOS | 2 Megapixels Exmor CMOS | 8 Megapixels Exmor CMOS | 8 Megapixels Exmor CMOS | 8 Megapixels Exmor CMOS | 2 Megapixels Exmor CMOS | 8 Megapixels CMOS |
| Output Resolution | 4K 60fps | Full HD 1080p 60fps | 4K 30fps | 4K 30fps | 4K 30fps | Full HD 1080p 60fps | 4K 60fps |
| Optical Zoom | TR335(N): 30X TR315(N): 12X | 12X | 30X | 21X | 12X | 12X | 30X |
| HFOV | TR335(N): 62.3° (Wide) to 2.5° (Tele) TR315(N): 72.8° (Wide) to 6.7° (Tele) | 72.8° (Wide) to 6.7° (Tele) | 65.1° (Wide) to 2.34° (Tele) | 52.26° (Wide) to 2.66° (Tele) | 70° (Wide) to 6° (Tele) | 70° (Wide) to 6° (Tele) | 62.3° (Wide) to 2.5° (Tele) |

Panoramic Camera

| | | | | | | | |
|-----------------------------------|---|---|---|---|---|---|-------------------|
| Effective Picture Elements | — | — | — | — | — | — | 8 Megapixels CMOS |
| Output Resolution | — | — | — | — | — | — | 4K 30fps |
| HFOV | — | — | — | — | — | — | 110° |

Camera Operation

| | | | | | | | |
|---|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--|
| Pan/Tilt Rotation | Pan: ±170°, Tilt: +90°/-30° | Pan: ±170°, Tilt: +90°/-30° | Pan: ±170°, Tilt: +90°/-30° | Pan: ±170°, Tilt: +90°/-30° | Pan: ±170°, Tilt: +90°/-30° | Pan: ±170°, Tilt: +90°/-30° | Pan: ±170°, Tilt: +90°/-30° |
| Pan/Tilt Speed | 0.1° to 100°/sec | 0.1° to 100°/sec | 0.1° to 100°/sec | 0.1° to 100°/sec | 0.1° to 100°/sec | 0.1° to 100°/sec | 0.1° to 100°/sec |
| Preset Speed | 200°/sec | 200°/sec | 200°/sec | 200°/sec | 200°/sec | 200°/sec | 200°/sec |
| Output Interfaces | 3G-SDI, HDMI, IP, USB | 3G-SDI, HDMI, IP, USB | 3G-SDI, HDMI, IP, USB | 3G-SDI, HDMI, IP, USB | 3G-SDI, HDMI, IP, USB | HDMI, IP, USB | 3G-SDI, HDMI x 2, IP, USB |
| USB Video Formats | MJPEG, YUY2 | MJPEG, YUY2 | MJPEG, YUY2 | MJPEG, YUY2 | MJPEG, YUY2 | MJPEG, YUY2 | MJPEG, YUY2 |
| UVC | UVC1.1 | UVC1.1 | UVC1.1 | UVC1.1 | UVC1.1 | UVC1.1 | UVC1.1 |
| UAC | UAC1.0 | UAC1.0 | UAC1.0 | UAC1.0 | UAC1.0 | UAC1.0 | UAC1.0 |
| Control Interfaces | 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 | | | | | | |
| Control Protocols | VISCA (RS-232/RS-422/IP), PELCO-D & PELCO-P (RS-232/RS-422), CGI (IP), USB, ONVIF | | | | | | |
| NDI® HX | NDI® HX2 (TR335N & TR315N) | License Upgrade | License Upgrade | NDI® HX2 (PTC320UNV2 only) | License Upgrade | License Upgrade | Full NDI® (TR535N only) |
| Auto Tracking Modes / AI Functions | Presenter Mode, Zone Mode, Hybrid Mode | | | | | | Presenter Mode, Zone Mode, Hybrid Mode, Segment Mode |
| Warranty | Camera: 5 Years Accessories: 1 Year | | | | | | |

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



PTC500+



PTC115+



PTZ330U(N)V2



PTZ310U(N)V2



PTZ231
PTZ211

Matrix Tracking Box



MT300 / MT300N

| | | | | | Matrix Tracking Box | |
|---|--|--|--|--|-------------------------------|--|
| 2 Megapixels CMOS | 2 Megapixels CMOS | 8 Megapixels Exmor CMOS | 8 Megapixels Exmor CMOS | 2 Megapixels Exmor CMOS | Power requirement | AC 100 - 240V to DC 12V/1.5A |
| Full HD 1080p 60fps | Full HD 1080p 60fps | 4K 60fps | 4K 60fps | Full HD 1080p 60fps | Power consumption | 18W |
| 30X | 22X | 30X | 12X | PTZ231: 30X PTZ211: 12X | Dimensions (W x D x H) | 15.0 x 21.0 x 4.3 cm |
| 65° (Wide) to 2.3° (Tele) | 65° (Wide) to 2.3° (Tele) | 62.3° (Wide) to 2.5° (Tele) | 72.8° (Wide) to 6.7° (Tele) | PTZ231: 62.3° (Wide) to 2.5° (Tele) PTZ211: 72.8° (Wide) to 6.7° (Tele) | Net weight | 0.9 (± 0.1) kg |
| | | | | | LED indicator: STATUS | Orange: power on Green: operating Green (flashing): firmware upgrading |
| | | | | | LED indicator: USB | Green: connected and standby Green (flashing): UVC/UAC streaming |
| 2 Megapixels CMOS | 2 Megapixels CMOS | — | — | — | LED indicator: LAN | Green: connected |
| Full HD 1080p 60fps | Full HD 1080p 60fps | — | — | — | Resolution | Inputs: up to 1080p 60 fps Outputs: up to 4K 60 fps |
| 110° | 110° | — | — | — | Storage conditions | Temperature: -20°C to + 60°C Humidity: 20% to 95% |
| Pan: ±175°, Tilt: +90°/-30° | Pan: ±175°, Tilt: +90°/-30° | Pan: ±170°, Tilt: +90°/-30° | Pan: ±170°, Tilt: +90°/-30° | Pan: ±170°, Tilt: +90°/-30° | Operating conditions | Temperature: 0°C to + 50°C Humidity: 20% to 80% |
| 2° to 50°/sec | 2° to 50°/sec | 0.1° to 100°/sec | 0.1° to 100°/sec | 0.1° to 100°/sec | Inputs | HDMI x 3, USB 2.0 Type-A x 3, RS-422 x 1, RJ-45 x 1, PoE+ x 1 |
| 160°/sec | 160°/sec | 200°/sec | 200°/sec | 200°/sec | Outputs | HDMI x 2, USB 3.0 Type-B x 2 |
| 3G-SDI, HDMI, IP, USB | 3G-SDI, HDMI, IP, USB | 3G-SDI, HDMI, IP, USB | 3G-SDI, HDMI, IP, USB | 3G-SDI, HDMI, IP, USB | Communication protocol | RS-422 |
| MJPEG, YUY2 | MJPEG, YUY2 | MJPEG, YUY2 | MJPEG, YUY2 | MJPEG, YUY2 | PoE+ | Yes, 42.5 V ~ 57V 0.6 A |
| UVC1.1 | UVC1.1 | UVC1.1 | UVC1.1 | UVC1.1 | NDI® HX | Yes (MT300N only) |
| UAC1.0 | UAC1.0 | UAC1.0 | UAC1.0 | UAC1.0 | Security | Kensington lock |
| RS-232, IP, USB | RS-232, IP, USB | RS-232, RS-422, IP, USB | RS-232, RS-422, IP, USB | RS-232, RS-422, IP, USB | Buttons | Power, Reset |
| IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, DHCP, RTP/RTCP, RTSP, RTMP, VISCA Over IP, ONVIF | IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, DHCP, RTP/RTCP, RTSP, RTMP, SRT, HLS, NDI, LLDP, VISCA over IP | IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, DHCP, RTP/RTCP, RTSP, RTMP, SRT, HLS, NDI, LLDP, VISCA over IP | IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, DHCP, RTP/RTCP, RTSP, RTMP, SRT, HLS, NDI, LLDP, VISCA over IP | IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, DHCP, RTP/RTCP, RTSP, RTMP, SRT, HLS, NDI, LLDP, VISCA over IP | Mounting bracket | Yes |
| VISCA (RS-232/IP), PELCO-D & PELCO-P (RS-232), CGI (IP) | VISCA (RS-232/IP), PELCO-D & PELCO-P (RS-232), CGI (IP), ONVIF | VISCA (RS-232/IP), PELCO-D & PELCO-P (RS-232), CGI (IP), ONVIF | VISCA (RS-232/IP), PELCO-D & PELCO-P (RS-232), CGI (IP), ONVIF | VISCA (RS-232/IP), PELCO-D & PELCO-P (RS-232), CGI (IP), ONVIF | Certification | CE, FCC, BSMI, NCC, IC, VCCI, UKCA, EAC |
| — | — | NDI® HX3 (PTZ330UNV2 only) | NDI® HX3 (PTZ310UNV2 only) | License Upgrade | Warranty | 5 Years |
| Wide Area Mode, Stage Mode, Segment Mode | SmartShoot | SmartShoot | SmartShoot | SmartShoot | | |
| Camera: 3 Years Accessories: 1 Year | Camera: 5 Years Accessories: 1 Year | Camera: 5 Years Accessories: 1 Year | Camera: 5 Years Accessories: 1 Year | Camera: 5 Years Accessories: 1 Year | | |

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