#CONNECTBETTER

Table of Contents

About AVer

AVer is an award-winning provider of video and collaboration solutions that improve productivity and enrich lives. Our Pro AV product portfolio includes cutting-edge auto tracking cameras and PTZ cameras to serve any presentation, training or lecture environments. We strive to provide industry leading product quality, service and support that exceeds our customer's expectations. We are also deeply committed to our community, the environment and employ stringent green processes in all we do. Learn more at **pro.averusa.com**.

Why AVer

From the moment you meet AVer we want to make sure that your experience with us is easy, enjoyable and satisfying. From our sales, operations, accounting to our warehousing and technical support teams, we strive to go above and beyond what's expected every step of the way. With our free US based, live phone email and chat technical support, free product training and unrivaled warranties, AVer serves as your partner rather than simply your vendor.

AVerCare Warranty Protection

AVerCare delivers industry-leading 5 or 3 year∗ warranty with Advanced Replacement and 24-hour turnaround time in the first year. We strive to provide industry leading product quality, service and support so you're always up and running!

∗ 5-year protection is included only on "V2" Pro AV cameras and the MT300N as of August 16, 2023. Optional 2-year extended warranty is available for purchase on 3-year warranty covered products only.

TAA and NDAA Compliant

AVer Pro AV cameras and accessories that are TAA and NDAA Compliant include the models MD330 Series, TR211, TR315(N), TR35(N), TR323NV2, TR313V2, PTZ211, PTZ231, PTZ310UNV2, PTZ310UV2, PTZ330UNV2, PTZ330UV2, and MT300N.TAA refers to the Trade Agreements Act (19 U.S.C. & 2501-2581), which is intended to foster fair and open international trade. AVer PTZ and TR cameras are designed for use as part of video systems which comply with NDAA 2019, Section 889. We can provide full Certificate of Origin information for any of our products.

Pro Evaluation Program

Buying a professional video system is no small task. Let us make evaluating our Auto Tracking and PTZ cameras a little easier. Our no risk 30 day Pro Evaluation Program allows you to try out any of our Pro AV cameras before you buy. If you wish to purchase we will work with a partner to fulfill your order. If not, we provide return shipping at no cost.

AUTO TRACKING CAMERAS

AVer Professional Auto Tracking Cameras support IP streaming and deliver professional video broadcasts without the need for a videographer to track your target!

TR211

12X HD PTZ Streaming Camera

Windows, Mac OS

- 3 Auto Tracking Modes
- 12X Optical Zoom
- 3G-SDI/HDMI/IP/USB Output
- Full HD 1080p60
- PoE+ Supported
- WDR

Tracking Modes	Optical Zoom	Outputs
3	12X+ OPTICAL	HDMI 3G-SDI IP USB
Resolution	Supports PoE+	WDR
Full HD 1080p60		

TAA NDAA COMPLIANT · ClickShare Conference Barco

With PTZ Link/MT300N and select Shure, Sennheiser, Yamaha, Nureva, ClearOne, Audio-Technica and Biamp microphones

AVer SKU: PATR211V3

TR315/TR315N

12X 4K AI Auto Tracking Camera

Windows, Mac OS

- 3 Auto Tracking Modes
- Voice Tracking
- 12X Optical Zoom
- 4K Ultra HD
- 3G-SDI/HDMI/IP/USB Output
- 8 MP Picture
- TR315N model features NDI®|HX3

Tracking Modes	Optical Zoom	Outputs
3	12X+ OPTICAL	HDMI 3G-SDI IP USB
Resolution	Supports PoE+	WDR
Ultra HD 4K		

TAA NDAA COMPLIANT · ClickShare Conference Barco · NDI|HX3
ZOOM Certified

With PTZ Link/MT300N and select Shure, Sennheiser, Yamaha, Nureva, ClearOne, Audio-Technica and Biamp microphones

AVer SKU: PATR315V3 | PTR315NV3 (TR315N)

TR335/TR335N

30X 4K AI Auto Tracking Camera

Windows, Mac OS

3 Auto Tracking Modes

Vocie Tracking

30X Optical Zoom

4K Ultra HD

3G-SDI/HDMI/IP/USB Output

8 MP Picture

TR335N model features NDI®|HX3

Tracking Modes	Optical Zoom	Outputs
3	30X OPTICAL +	HDMI 3G-SDI IP USB
Resolution	**Supports PoE+**	**WDR**
Ultra HD 4K		

AVer SKU: PATR335V3 | PTR335NV3 (TR335N)

With PTZ Link/MT300N and select Shure, Sennheiser, Yamaha, Nureva, ClearOne, Audio-Technica and Biamp microphones

TR313V2

**12X 4K AI
Auto Tracking Camera**

Windows, Mac OS

3 Auto Tracking Modes

Vocie Tracking* and Gesture Control

12X Optical Zoom

4K Ultra HD

3G-SDI/HDMI/IP/USB Output

Supports PoE+

Tracking Modes	Optical Zoom	Outputs
3	12X OPTICAL +	HDMI 3G-SDI IP USB
Resolution	**Supports PoE+**	**WDR**
Ultra HD 4K		

AVer SKU: PATR313V2

With PTZ Link/MT300N and select Shure, Sennheiser, Yamaha, Nureva, ClearOne, Audio-Technica and Biamp microphones

TR323NV2

21X 4K NDI AI
Auto Tracking Camera

Windows, Mac OS

- 3 Auto Tracking Modes
- Voice Tracking∗ and Gesture Control
- 21X Optical Zoom
- 4K Ultra HD
- 3G-SDI/HDMI/IP/USB Output
- Supports NDI/HX2 and SRT Protocol

Tracking Modes	Optical Zoom	Outputs
3	21X+ OPTICAL	HDMI 3G-SDI IP USB
Resolution	**Supports PoE+**	**WDR**
Ultra HD 4K		

SRT READY · ClickShare Conference BARCO · NDI|HX

TAA NDAA COMPLIANT · zoom Certified

∗With PTZ Link/MT300N and select Shure, Sennheiser, Yamaha, Nureva, ClearOne, Audio-Technica and Biamp microphones

AVer SKU: PATR323NV2

PTZ CAMERAS

AVer Professional PTZ Cameras support IP streaming and empower
users to easily create excellent quality video from setup to showtime.

PTZ330UNV2

30X 4K AI NDI PTZ Camera

Windows, Mac OS

Advanced Preset Tracking

Voice Tracking*

30X Optical Zoom

4Kp60

HDMI/IP/NDI HX2/USB/3G-SDI Output

Supports PoE+

PTZ	Optical Zoom	Outputs
PTZ	30X+ OPTICAL	5 Output
Resolution	**IP Streaming**	**Supports PoE+**
Ultra HD 4K		

SRT READY · ClickShare Conference BARCO · NDI HX3

TAA NDAA COMPLIANT · zoom Certified

*With PTZ Link/MT300N and select Shure, Sennheiser, Yamaha, Nureva, ClearOne, Audio-Technica and Biamp microphones

AVer SKU: PT330UNV2

PTZ330UV2

30X 4K AI PTZ Camera

Windows, Mac OS

Advanced Preset Tracking

Voice Tracking*

30X Optical Zoom

4Kp60

HDMI/IP/USB/3G-SDI Output

Supports PoE+

PTZ	Optical Zoom	Outputs
PTZ	30X+ OPTICAL	5 Output
Resolution	**IP Streaming**	**Supports PoE+**
Ultra HD 4K		

SRT READY · ClickShare Conference BARCO · TAA NDAA COMPLIANT

zoom Certified

*With PTZ Link/MT300N and select Shure, Sennheiser, Yamaha, Nureva, ClearOne, Audio-Technica and Biamp microphones

AVer SKU: PTZ330UV2

PTZ310UNV2

12X 4K AI NDI PTZ Camera

Windows, Mac OS

Advanced Preset Tracking

Voice Tracking*

12X Optical Zoom

4Kp60

HDMI/IP/NDI HX2/USB/3G-SDI Output

Supports PoE+

PTZ	Optical Zoom	Outputs
PTZ	12X + OPTICAL	5 Output
Resolution	IP Streaming	Supports PoE+
Ultra HD 4K		

SRT READY   ClickShare Conference BARCO   NDI HX3

TAA NDAA COMPLIANT

*With PTZ Link/MT300N and select Shure, Sennheiser, Yamaha, Nureva, ClearOne, Audio-Technica and Biamp microphones

AVer SKU: PT310UNV2

PTZ310UV2

12X 4K AI PTZ Camera

Windows, Mac OS

Advanced Preset Tracking

Voice Tracking*

12X Optical Zoom

4Kp60

HDMI/IP/USB/3G-SDI Output

Supports PoE+

PTZ	Optical Zoom	Outputs
PTZ	12X + OPTICAL	5 Output
Resolution	IP Streaming	Supports PoE+
Ultra HD 4K		

SRT READY   ClickShare Conference BARCO   TAA NDAA COMPLIANT

*With PTZ Link/MT300N and select Shure, Sennheiser, Yamaha, Nureva, ClearOne, Audio-Technica and Biamp microphones

AVer SKU: PTZ310UV2

PTZ231

30X HD AI PTZ Camera

Windows, Mac OS

Advanced Preset Tracking

Voice Tracking*

30X Optical Zoom

Full HD 1080p60

HDMI/IP/USB/3G-SDI Output

Supports PoE+

AI Functions	Optical Zoom	Multi-Stream
AI	12X+ OPTICAL	4 ➡ Output
Resolution	**Megapixels**	**Supports PoE+**
Full HD 1080p60	2 MP	

SRT READY · Certified for ClickShare Conference BARCO · TAA NDAA COMPLIANT

*With PTZ Link/MT300N and select Shure, Sennheiser, Yamaha, Nureva, ClearOne, Audio-Technica and Biamp microphones

AVer SKU: PTPTZ231W

PTZ211

12X HD AI PTZ Camera

Windows, Mac OS

Advanced Preset Tracking

Voice Tracking*

12X Optical Zoom

Full HD 1080p60

HDMI/IP/USB/3G-SDI Output

Supports PoE+

AI Functions	Optical Zoom	Multi-Stream
AI	12X+ OPTICAL	4 ➡ Output
Resolution	**Megapixels**	**Supports PoE+**
Full HD 1080p60	2 MP	

SRT READY · Certified for ClickShare Conference BARCO · TAA NDAA COMPLIANT

* With PTZ Link/MT300N and select Shure, Sennheiser, Yamaha, Nureva, ClearOne, Audio-Technica and Biamp microphones

AVer SKU: PTPTZ211W

CL01

PTZ Professional Camera Controller

AVer SKU: PTCAMCTRL

Pan/Tilt/Zoom Speed Control

Operate 255 PTZ Cameras

3 Infinite Rotation Knobs

Supports RS-422/RS-485/RS-232/IP Control

Built-in VISCA, SONY VISCA, Pelco P/D, UDP Protocols

1 Year Warranty

Speed Control	Quick Access	Rotation Knobs
Control Interfaces	VISCA Pelco-D/P	Warranty
RS-232 RS-422 RS-485 IP	VISCA Pelco-D Pelco-P	1 Yr

255

MT300N

NDI® Matrix Tracking Box

- Integrated Voice Tracking
- Multi-Camera Switching
- 2 HDMI & 2 USB Type B
- Supports NDI | HX2 Protocol
- Built-in PTZ Link Premium
- Supports PoE+

Voice Tracking	Camera Switching	2HDMI & 2USB-B
		4 → Output
Support NDI	HX2	Built-in PTZ Link Premium	Supports PoE+
NDI|HX IN		

TAA NDAA COMPLIANT

ClickShare Conference BARCO

AVer SKU: PATMT300N

PTZ Management

Easy to Use and Efficient Central Management Tool

Windows 10, Windows 11

Control up to 256 Cameras
User-Friendly Interface
Remote Camera Management
Easily Update Devices
Works with All AVer PTZ and TR Cameras

CaptureShare

Easily Record Video, Livestream, and Capture Still Images

Windows & MAC

Annotate, Record Video, Live Stream, and Capture Images
Manage Camera Controls via USB
Works with AVer PTZ and Select TR Cameras
Works with Select AVer Document Cameras
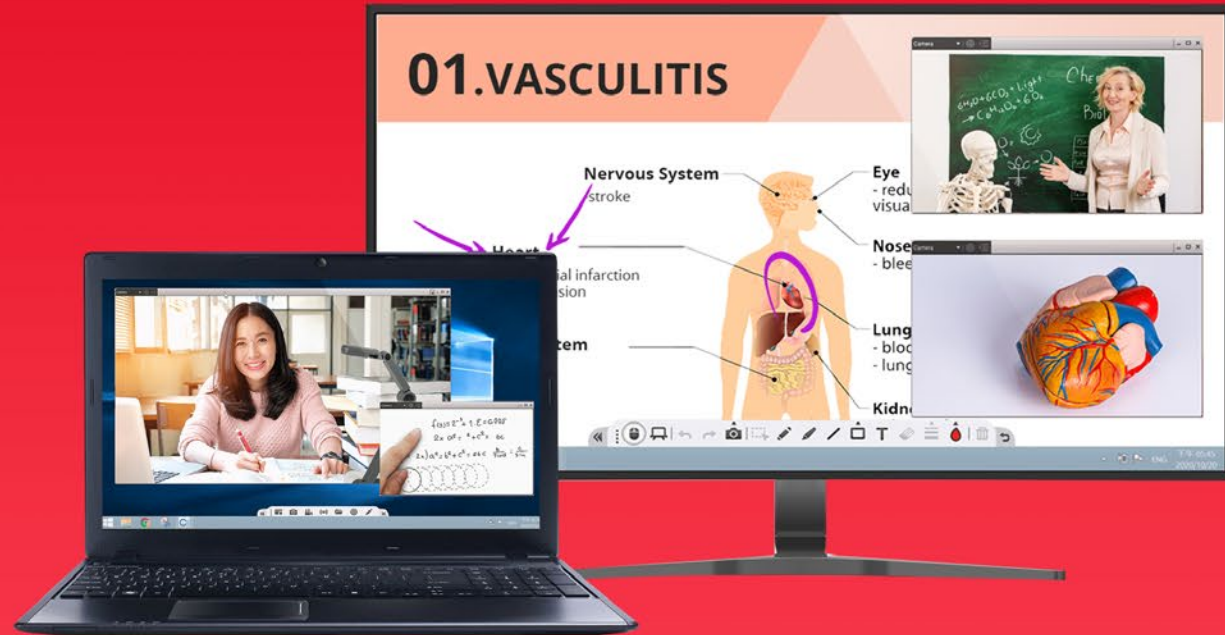
Premium Version Available!

AVer SKU: PTLINKPRE

PTZ Control Panel

Use iPad or iPhone to Control AVer PTZ Cameras Through the Network

iOS® v9 or above, iPadOS® v11 or above

Control Common PTZ and Focus Functions Over Network
Enable and Disable Tracking
Instantly Find and Connect to AVer TR and PTZ Cameras
Save and Call Up to 256 Preset Points
Capture Camera Images and Save to The Album
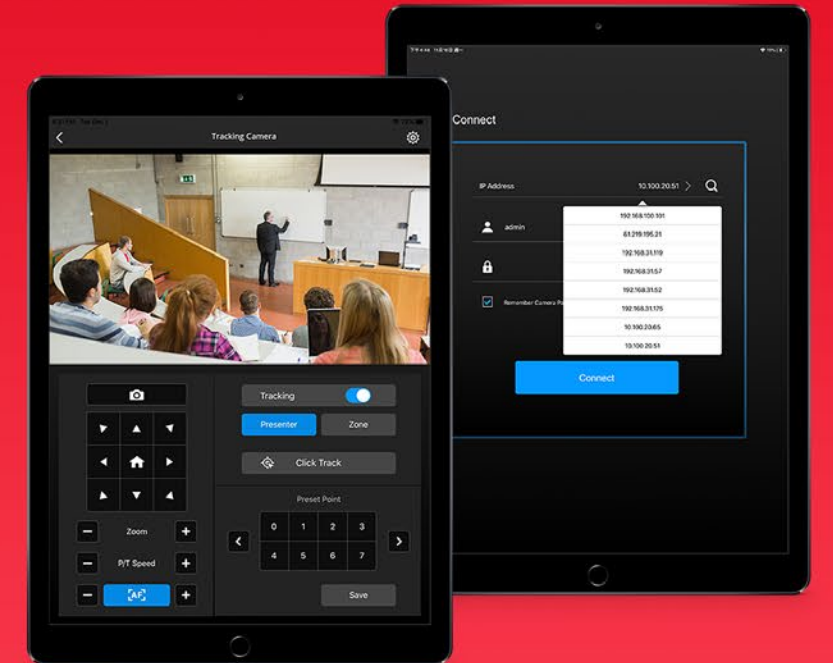
PTZ Link

Easily Add Voice Tracking Functionality
Premium Version Available!

Windows & MAC

Voice Tracking to Preset
IP Based Control
Multi-Camera Switching (Premium on Windows)
USB Auto Switching
Windows and Mac laptops and desktops
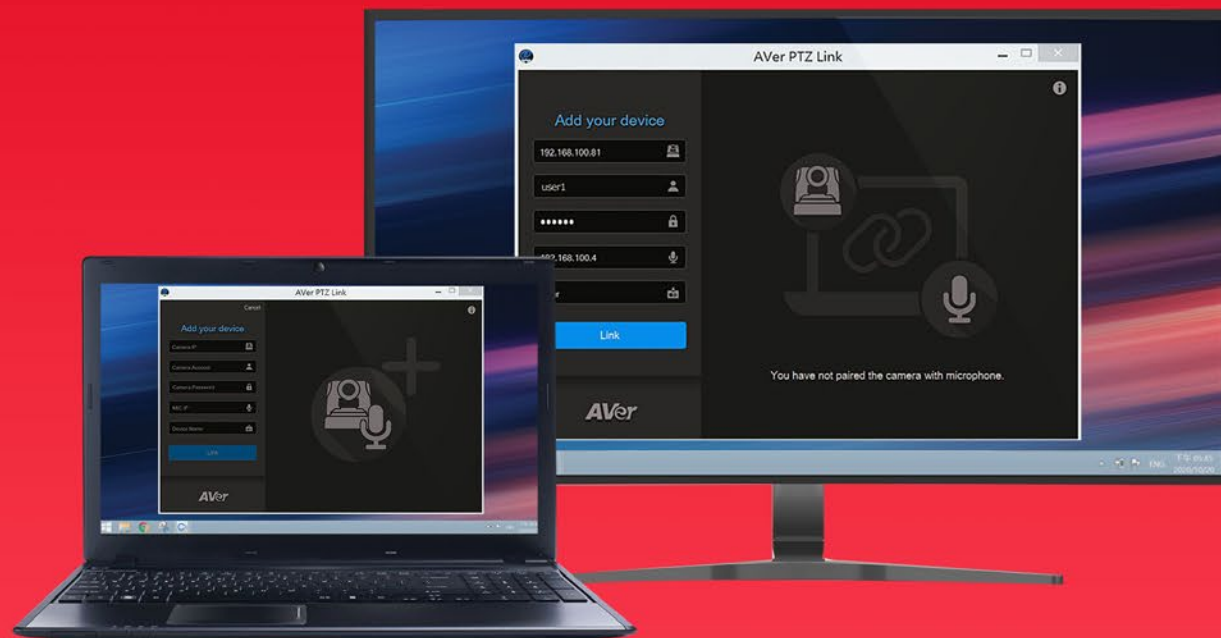
Combine AVer Pro AV cameras, PTZ Link software and select audio systems from these leading brands for voice tracking!
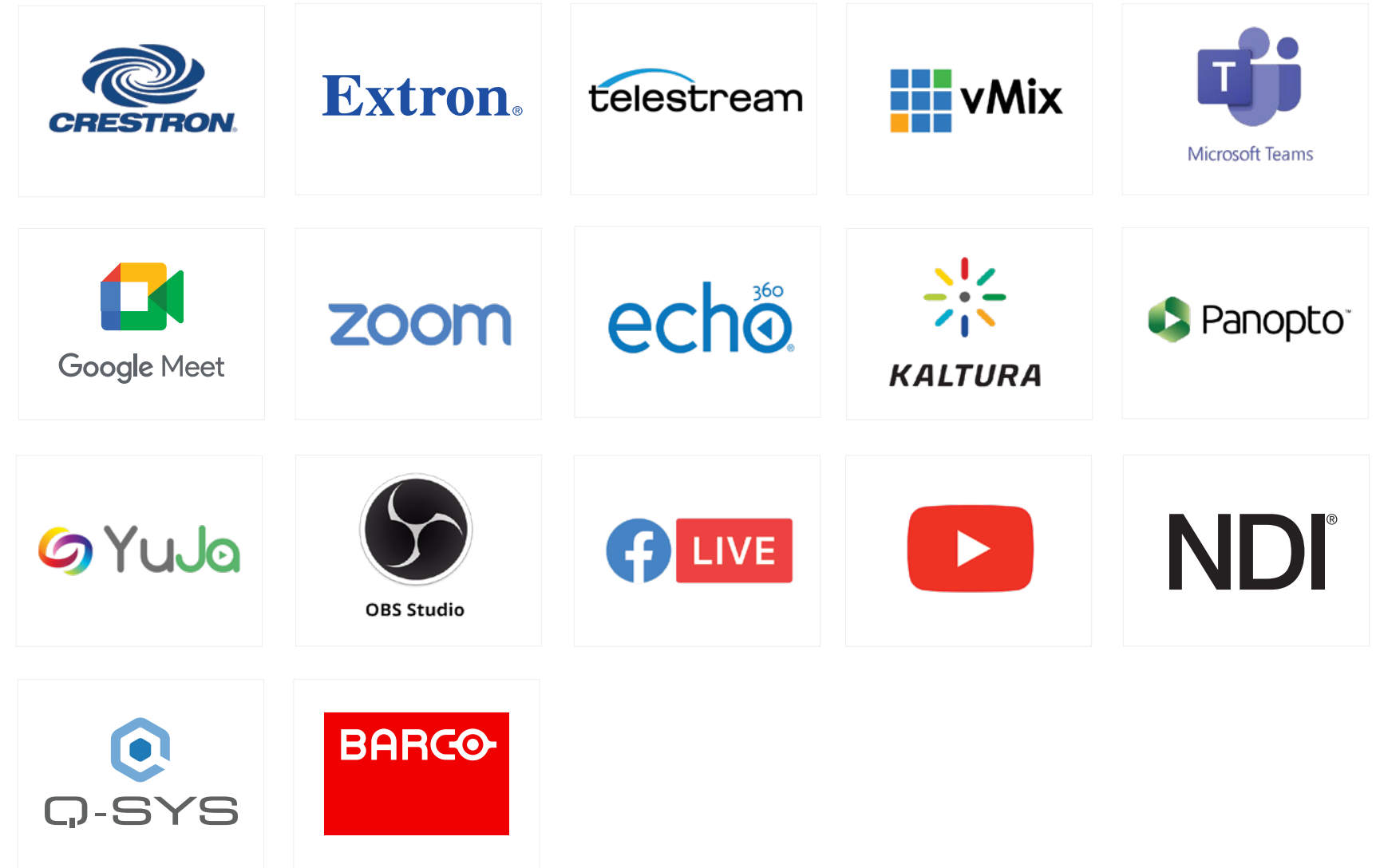
SENNHEISER   SHURE   nureva

YAMAHA   ClearOne   audio-technica
always listening.

biamp.

Compatible With

CRESTRON   Extron   telestream   vMix   Microsoft Teams

Google Meet   zoom   echo 360   KALTURA   Panopto

YuJa   OBS Studio   LIVE   YouTube   NDI

Q-SYS   BARCO

		TR211	TR315/TR315N	TR335/TR335N	TR313V2
Part Number		PATR211V3	PATR315V3/PTR315NV3	PATR335V3/PTR335NV3	PATR313V2
PTZ Camera	Effective Picture Elements	2 Megapixels	8 Megapixels	8 Megapixels	8 Megapixels
	Output Resolution	Up to Full HD 1080P at 60fps	Resolution: 4K•/1080P/720P Frame Rate: 60/59.94/50/30/29.97/25	Resolution: 4K•/1080P/720P Frame Rate: 60/59.94/50/30/29.97/25	Resolution: 4K•/1080P/720P Frame Rate: 60/59.94/50/30/29.97/25
	Optical Zoom	12X	12X	30X	12X
	HFOV (Wide)~(Tele)	70° ~ 6°	70° ~ 6°	62.3° ~ 2.5°	70° ~ 6°
Panoramic Camera	Effective Picture Elements	–	–	–	–
	Output Resolution	–	–	–	–
	HFOV	–	–	–	–
Camera	Pan/Tilt Rotation	Pan: -170° (Left), +170° (Right); Tilt: -30° (Down), +90° (Up)	Pan: -170° (Left), +170° (Right); Tilt: -30° (Down), +90° (Up)	Pan: -170° (Left), +170° (Right); Tilt: -30° (Down), +90° (Up)	Pan: -170° (Left), +170° (Right); Tilt: -30° (Down), +90° (Up)
	Pan/Tilt Speed	0.1°~100° / sec	0.1° ~ 100°/Sec	0.1° ~ 100°/Sec	0.1° ~ 100°/Sec
	Preset Speed	200° / Sec	200° / Sec	200° / Sec	200° / Sec
	Output Interface	3G-SDI, HDMI, IP, USB	3G-SDI, HDMI, IP, USB	3G-SDI, HDMI, IP, USB	3G-SDI, HDMI, IP, USB
	USB Video Format	MJPEG	MJPEG	MJPEG	MJPEG, YUV
	UVC	UVC1.1	UVC1.1	UVC1.1	UVC1.1
	UAC	UAC1.0	UAC1.0	UAC1.0	UAC1.0
	Control Interface	RS232, RS-422, Ethernet	RS232, RS422, Ethernet	RS232, RS422, Ethernet	RS232, RS422, Ethernet
	Network Protocol	IPv6,IPv4, TCP, UDP, ARP, IMCP, IGMP, HTTP, DHCP, RTP/RTCP, RTSP, RTMP,VISCA over IP	IPv6, IPv4, TCP, UDP, ARP, IMCP, IGMP, HTTP, DHCP, RTP/RTCP, RTSP, RTMP, VISCA over IP	IPv6, IPv4, TCP, UDP, ARP, IMCP, IGMP, HTTP, DHCP, RTP/RTCP, RTSP, RTMP, VISCA over IP	IPv6, IPv4, TCP, UDP, ARP, IMCP, IGMP, HTTP, DHCP, RTP/RTCP, RTSP, RTMP, VISCA over IP
	Control Protocol	VISCA/PELCO-D (RS232/RS422/IP), CGI (IP)	VISCA/Pelco-D(RS232/RS422/IP), CGI(IP)	VISCA/Pelco-D(RS232/RS422/IP), CGI(IP)	VISCA/Pelco-D(RS232/RS422/IP), CGI(IP)
Auto Tracking Functions		Wide Area Tracking, Stage Tracking, Segment Tracking, Voice Tracking	Presenter, Zone, Hybrid, Gesture Control	Presenter, Zone, Hybrid, Gesture Control	People Tracking (half or full body), Zone Tracking, Hybrid Tracking, Voice Tracking, Gesture Control
Package Contents		Remote Control, 12V Power Adapter, Power Cable, Din8 to DP9 Cable, RS232 In/Out Cable, Ceiling Mount(x2), Guide	Remote Control, 12V Power Adapter, Power Cable, Din8 to D-Sub9 Cable, RS232 In/Out Cable, Mount(x2), Guide	Remote Control, 12V Power Adapter, Power Cable, Din8 to D-Sub9 Cable, RS232 In/Out Cable, Mount(x2), Guide	IR Remote Control, 12V/5A Power Adapter, Power Cable, Din8 to D-Sub9 Cable, RS232 In/Out Cable, Quick Guide
Software		CaptureShare, PTZ Management, PTZ Control Panel, PTZ Link	CaptureShare, PTZ Management, PTZ Control Panel, PTZ Link	CaptureShare, PTZ Management, PTZ Control Panel, PTZ Link	CaptureShare, PTZ Management, PTZ Control Panel, PTZ Link
PoE+		PoE+(IEEE 802.3at)	PoE+(IEEE 802.3at)	PoE+(IEEE 802.3at)	PoE+(IEEE 802.3at)
NDI Protocol		No	No | Yes on TR315N	No | Yes on TR335N	Upgradable
SRT Protocol		No	No	No	Yes

	TR323NV2	TR535N	PTZ310UNV2	PTZ310UV2
Part Number	PTR323NV2	PAT535NV3	PT310UNV2	PTZ310UV2
Effective Picture Elements	8 Megapixels	8 Megapixels	8 Megapixels	8 Megapixels
Output Resolution	Resolution: 4K•/1080P/720P Frame Rate: 60/59.94/50/30/29.97/25	Resolution: 4K•/1080P/720P Frame Rate: 60/59.94/50/30/29.97/25	Resolution: 4K•/1080P/720P Frame Rate: 60/59.94/50/30/29.97/25	Resolution: 4K•/1080P/720P Frame Rate: 60/59.94/50/30/29.97/25
Optical Zoom	21X	30X	12X	12X
HFOV (Wide)~(Tele)	65.1° ~ 2.34°	62.3° ~ 2.5°	72.1° ~ 6.3°	72.1° ~ 6.3°
Effective Picture Elements	–	–	–	–
Output Resolution	–	–	–	–
HFOV	–	–	–	–
Pan/Tilt Rotation	Pan: -170° (Left), +170° (Right); Tilt: -30° (Down), +90° (Up)	Pan: -170° (Left), +170° (Right); Tilt: -30° (Down), +90° (Up)	Pan: -170° (Left), +170° (Right); Tilt: -30° (Down), +90° (Up)	Pan: -170° (Left), +170° (Right); Tilt: -30° (Down), +90° (Up)
Pan/Tilt Speed	0.1° ~ 100°/Sec	0.1° ~ 100°/Sec	0.1° ~ 100°/Sec	0.1° ~ 100°/Sec
Preset Speed	200° / Sec	200° / Sec	200° / Sec	200° / Sec
Output Interface	3G-SDI, HDMI x 2, IP, USB	3G-SDI, HDMI, IP, USB	3G-SDI, HDMI, IP, USB	3G-SDI, HDMI, IP, USB
USB Video Format	MJPEG, YUY2	MJPEG	MJPEG, YUY2	MJPEG, YUY2
UVC	UVC1.1	UVC1.1	UVC1.1	UVC1.1
UAC	UAC1.0	UAC1.0	UAC1.0	UAC1.0
Control Interface	RS232, RS422, Ethernet	RS232, RS422, IP, USB	RS232, RS422, PELCO-P, IP	RS232, RS422, PELCO-P, IP
Network Protocol	IPv6, IPv4, TCP, UDP, ARP, IMCP, IGMP, HTTPS, HTTP, DHCP, RTP/RTCP, RTSP, RTMP, VISCA over IP	IPv4, TCP, UDP, ARP, IMCP, 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
Control Protocol	VISCA/Pelco-D(RS232/RS422/IP), CGI(IP)	VISCA/Pelco-D(RS232/RS422), CGI(IP), USB, ONVIF	VISCA/Pelco-D(RS232/RS422/IP), CGI(IP)	VISCA/Pelco-D(RS232/RS422/IP), CGI(IP)
Auto Tracking Functions	People Tracking (half or full body), Zone Tracking, Hybrid Tracking, Voice Tracking, Gesture Control	Presenter, Zone, Voice, Hybrid Tracking	SmartFrame, SmartShoot(Zone Tracking), Voice Tracking	SmartFrame, SmartShoot(Zone Tracking), Voice Tracking
Package Contents	IR Remote Control, 12V/5A Power Adapter, Power Cable, Din8 to D-Sub9 Cable, RS232 In/Out Cable, Quick Guide	Remote Control, 12V Power Adapter, Power Cable, Din8 to D-Sub9 Cable, RS232 In/Out Cable, Mount(x2), Guide	Drilling Paper, Ceiling Mount Bracket, Quick Start Guide, Cable Fixing Plate, M2x4 mm Screws, Power Adapter & Power Cord, Screws, Remote Control, DIN 8 to D-Sub 9 Cable, RS-232 In/Out Y Cable, Cable Ties	Drilling Paper, Ceiling Mount Bracket, Quick Start Guide, Cable Fixing Plate, M2x4 mm Screws, Power Adapter & Power Cord, Screws, Remote Control, DIN 8 to D-Sub 9 Cable, RS-232 In/Out Y Cable, Cable Ties
Software	CaptureShare, PTZ Management, PTZ Control Panel, PTZ Link	CaptureShare, PTZ Management, PTZ Control Panel, PTZ Link	CaptureShare, PTZ Management, PTZ Control Panel, PTZ Link	CaptureShare, PTZ Management, PTZ Control Panel, PTZ Link
PoE+	PoE+(IEEE 802.3at)	PoE+(IEEE 802.3at)	PoE+(IEEE 802.3at)	PoE+(IEEE 802.3at)
NDI Protocol	Yes	Yes	Yes	No
SRT Protocol	Yes	No	Yes	Yes

		PTZ330UNV2	PTZ330UV2
Part Number		PT330UNV2	PTZ330UV2
PTZ Camera	Effective Picture Elements	8 Megapixels	8 Megapixels
	Output Resolution	Resolution: 4K+/1080P/720P Frame Rate: 60/59.94/50/30/29.97/25	Resolution: 4K+/1080P/720P Frame Rate: 60/59.94/50/30/29.97/25
	Optical Zoom	30X	30X
	HFOV (Wide)~(Tele)	62.3° ~ 2.5°	62.3° ~ 2.5°
Panoramic Camera	Effective Picture Elements	—	—
	Output Resolution	—	—
	HFOV	—	—
Camera	Pan/Tilt Rotation	Pan: -170° (Left), +170° (Right); Tilt: -30° (Down), +90° (Up)	Pan: -170° (Left), +170° (Right); Tilt: -30° (Down), +90° (Up)
	Pan/Tilt Speed	0.1° ~ 100°/Sec	0.1° ~ 100°/Sec
	Preset Speed	200° / Sec	200° / Sec
	Output Interface	3G-SDI, HDMI, IP, USB	3G-SDI, HDMI, IP, USB
	USB Video Format	MJPEG, YUV2	MJPEG, YUY2
	UVC	UVC1.1	UVC1.1
	UAC	UAC1.0	UAC1.0
	Control Interface	RS232, RS422, PELCO-P, IP	RS232, RS422, PELCO-P, IP
	Network Protocol	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
	Control Protocol	VISCA/Pelco-D(RS232/RS422/IP), CGI(IP)	VISCA/Pelco-D(RS232/RS422/IP), CGI(IP)
Auto Tracking Functions		SmartFrame, SmartShoot(Zone Tracking), Voice Tracking	SmartFrame, SmartShoot(Zone Tracking), Voice Tracking
Package Contents		Drilling Paper, Ceiling Mount Bracket, Quick Start Guide, Cable Fixing Plate, M2x4 mm Screws, Power Adapter & Power Cord, Screws, Remote Control, DIN 8 to D-Sub 9 Cable, RS-232 In/Out Y Cable, Cable Ties	Drilling Paper, Ceiling Mount Bracket, Quick Start Guide, Cable Fixing Plate, M2x4 mm Screws, Power Adapter & Power Cord, Screws, Remote Control, DIN 8 to D-Sub 9 Cable, RS-232 In/Out Y Cable, Cable Ties
Software		CaptureShare, PTZ Management, PTZ Control Panel, PTZ Link	CaptureShare, PTZ Management, PTZ Control Panel, PTZ Link
PoE+		PoE+(IEEE 802.3at)	PoE+(IEEE 802.3at)
NDI Protocol		Yes	No
SRT Protocol		Yes	Yes

PTZ231	PTZ211
PTPTZ231W	PTPTZ211W
2 Megapixels	2 Megapixels
Resolution: 1080P/720P Frame Rate: 60/59.94/50/30/29.97/25	Resolution: 1080P/720P Frame Rate: 60/59.94/50/30/29.97/25
30X	12X
62.3° ~ 2.5°	62.3° ~ 2.5°
—	—
—	—
—	—
Pan: -170° (Left), +170° (Right); Tilt: -30° (Down), +90° (Up)	Pan: -170° (Left), +170° (Right); Tilt: -30° (Down), +90° (Up)
0.1° ~ 100°/Sec	0.1° ~ 100°/Sec
200° / Sec	200° / Sec
3G-SDI, HDMI, IP, USB	3G-SDI, HDMI, IP, USB
MJPEG, YUY2	MJPEG, YUY2
UVC1.1	UVC1.1
UAC1.0	UAC1.0
RS232, RS422, PELCO-P, IP	RS232, RS422, PELCO-P, 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
VISCA/Pelco-D(RS232/RS422/IP), CGI(IP)	VISCA/Pelco-D(RS232/RS422/IP), CGI(IP)
SmartFrame, SmartShoot(Zone Tracking), Voice Tracking	SmartFrame, SmartShoot(Zone Tracking), Voice Tracking
Drilling Paper, Ceiling Mount Bracket, Quick Start Guide, Cable Fixing Plate, M2x4 mm Screws, Power Adapter & Power Cord, Screws, Remote Control, DIN 8 to D-Sub 9 Cable, RS-232 In/Out Y Cable, Cable Ties, HDMI Cable	Drilling Paper, Ceiling Mount Bracket, Quick Start Guide, Cable Fixing Plate, M2x4 mm Screws, Power Adapter & Power Cord, Screws, Remote Control, DIN 8 to D-Sub 9 Cable, RS-232 In/Out Y Cable, Cable Ties, HDMI Cable
CaptureShare, PTZ Management, PTZ Control Panel, PTZ Link	CaptureShare, PTZ Management, PTZ Control Panel, PTZ Link
PoE+(IEEE 802.3at)	PoE+(IEEE 802.3at)
No	No
Yes	Yes

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