

AI



# Professional PTZ Cameras

/ Product Catalogue /



# EMBRACE SUPERIOR ACCURACY

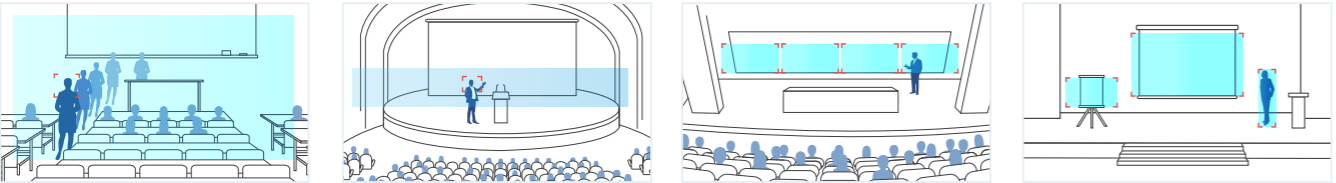
Broadcasting, streaming, and recording have never been this easy! AVer auto tracking and livestreaming PTZ cameras enable anyone to perfectly capture stunning content without hiring a professional AV technician, saving users time, energy, and money.

Featuring market-standard pinpoint accuracy and advanced targeting technology to go along with high resolution, these innovations are ideal solutions for the video capturing needs of education & distance learning, communication, sports & esports, gaming, government, house of worship, and healthcare.



# Professional PTZ 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, meeting rooms, and houses of worship.

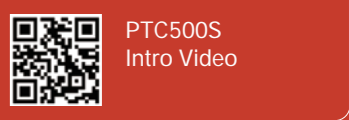


- Wide Area Mode  
Presenter Mode
- Stage Mode
- Segment Mode  
Zone Mode
- Hybrid Mode

## PTC500+

- Full HD 1080p at 60fps
- 30X Optical Zoom
- Dual Lens Design
- No Extra Devices Needed
- Multi-Presenter Detection
- AI Auto Tracking Modes:  
Wide Area/Stage/Segment

Auto Tracking  
Cameras



PTZ  
Cameras



## PTZ330 PTZ330N NDI|HX PTZ310 PTZ310N NDI|HX

- Full HD 1080p at 60fps
- 30X or 12X Optical Zoom
- Upside-Down Installation
- AI Functions:  
SmartShoot/SmartFrame



PTZ330 & PTZ310  
Intro Video

\* PTZ330, PTZ330N, and PTZ310 receive Barco Certified Certifications.  
\*\* PTZ310 and PTZ310N receive Zoom Rooms Certifications.



## Auto Tracking Cameras

### PTC330UV2

- 4K Ultra HD at 30 fps
- 30X Optical Zoom
- Upside-Down Installation
- No Extra Devices Needed
- License Upgrade to NDI®
- AI Auto Tracking Modes: Presenter/Zone/Hybrid



### PTC320UV2

- 4K Ultra HD at 30 fps
- 21X Optical Zoom
- Upside-Down Installation
- No Extra Devices Needed
- License Upgrade to NDI®
- AI Auto Tracking Modes: Presenter/Zone/Hybrid

### PTC310UV2

- 4K Ultra HD at 30 fps
- 12X Optical Zoom
- Upside-Down Installation
- No Extra Devices Needed
- License Upgrade to NDI®
- AI Auto Tracking Modes: Presenter/Zone/Hybrid



PTC300 Series Intro Video



# PTZ Camera Controller

The ideal solution for education, conferencing, telemedicine, livestreaming & broadcasting!

## CL01



Pan/Tilt/Zoom Speed Control



Control 255 PTZ Cameras

RS-232  
RS-422  
RS-485  
IP

Multiple Control Interfaces

VISCA  
Pelco-D  
Pelco-P

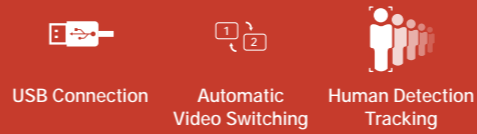
VISCA & Pelco-D/P

# Software Add-Ons



## PTZ Link Premium

Turn AVer's PTZ Camera To a Voice Tracking Camera



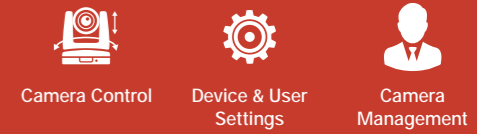
## PTZ Control Panel

Replace Your Remote Control with an iPad® & iPhone®



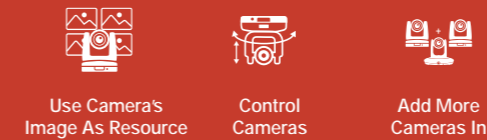
## PTZ Management

Change the Way You Manage 200+ PTZ Cameras



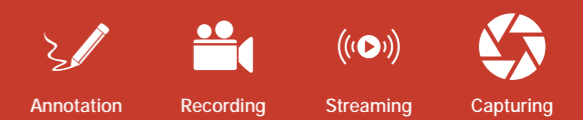
## OBS Plugin for PTZ Cameras

Produce Unique Video Capturing with AVer PTZ Cameras



## CaptureShare

Connect Your PTZ Camera to Any Laptop or Desktop



### Technology Partners



# Comparison Chart



Model	PTZ330 PTZ330N	PTZ310 PTZ310N	PTC500+	PTC330UV2	PTC320UV2	PTC310UV2
<b>PTZ Camera</b>						
Effective Picture Elements	2 Megapixels CMOS	2 Megapixels CMOS	2 Megapixels CMOS	8 Megapixels Exmor CMOS	8 Megapixels Exmor CMOS	8 Megapixels Exmor CMOS
Output Resolution	Full HD 1080p 60fps	Full HD 1080p 60fps	Full HD 1080p 60fps	4K 30fps	4K 30fps	4K 30fps
Optical Zoom	30X	12X	30X	30X	21X	12X
HFOV	67° (Wide) to 2.3° (Tele)	72.5° (Wide) to 6.3° (Tele)	65° (Wide) to 2.3° (Tele)	65.1° (Wide) to 2.34° (Tele)	52.26° (Wide) to 2.66° (Tele)	70° (Wide) to 6° (Tele)
<b>Panoramic Camera</b>						
Effective Picture Elements	—	—	2 Megapixels CMOS	—	—	—
Output Resolution	—	—	Full HD 1080p 60fps	—	—	—
HFOV	—	—	110°	—	—	—
<b>Camera Operation</b>						
Pan/Tilt Rotation	Pan: ±170° Tilt: +90°/-30°	Pan: ±170° Tilt: +90°/-30°	Pan: ±175° 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	2° to 50°/sec	0.1° to 100°/sec	0.1° to 100°/sec	0.1° to 100°/sec
Preset Speed	200°/sec	200°/sec	160°/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	3G-SDI HDMI IP USB
USB Video Formats	YUV, MJPEG, H.264	YUV, MJPEG, H.264	MJPEG, YUY2	MJPEG, YUY2	MJPEG, YUY2	MJPEG, YUY2
UVC	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
Control Interfaces	RS-232, RS-422, IP, USB	RS-232, RS-422, IP, USB	RS-232, IP, USB	RS-232, RS-422, IP, USB	RS-232, RS-422, IP, USB	RS-232, RS-422, IP, USB
Network Protocols	IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, DHCP, RTP/RTCP, RTSP, RTMP, ONVIF, VISCA over IP			IPv6, IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, DHCP, RTP/RTCP, RTSP, RTMP, VISCA over IP		
Control Protocols	VISCA, Pelco-D, Pelco-P, CGI			VISCA (RS-232/RS-422/IP), PELCO-D & PELCO-P (RS-232/RS-422), CGI (IP)		
NDI®   HX	Yes (PTZ330N only)	Yes (PTZ310N only)	—	License Upgrade	License Upgrade	License Upgrade
Auto Tracking Modes/ AI Functions	SmartFrame SmartShoot	SmartFrame SmartShoot	Wide Area Mode Stage Mode Segment Mode	Presenter Mode Zone Mode Hybrid Mode	Presenter Mode Zone Mode Hybrid Mode	Presenter Mode Zone Mode Hybrid Mode
Warranty	Camera: 3 Years Accessories: 1 Year					

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

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