

AI



# Professional PTZ Cameras

/ Product Catalog /



# 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 health care.



**Education & Distance Learning**



**Sports & Esports**



**House of Worship**



**Gaming**



**Communication**



**Government**

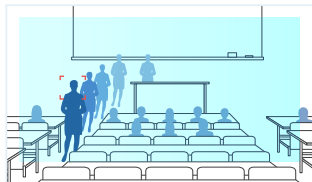


**Health Care**

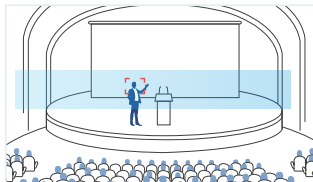


# Professional PTZ Cameras

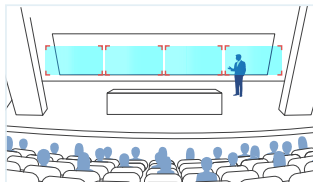
Broadcast, stream, and record—all with one camera! Equipped with optical zooms and advanced AI tracking technology, Professional PTZ Cameras capture every detail of classrooms, auditoriums, stages, meeting rooms, and houses of worship.



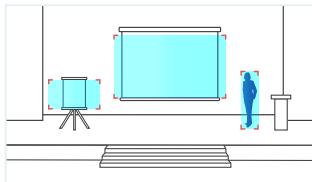
Wide Area Mode  
Presenter Mode



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



PTC500S  
Intro Video



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.

## PTC115+

- Full HD 1080p at 60fps
- 22X Optical Zoom
- Dual Lens Design
- No Extra Devices Needed
- Multi-Presenter Detection
- AI Auto Tracking Modes:  
Wide Area/Stage/Segment



PTC115  
Intro Video



# 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

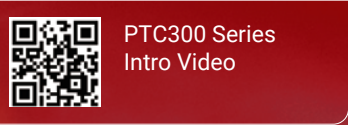


## PTC310HWV2

- Full HD 1080p at 60 fps
- 12X 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



## PTC320UNV2 NDI|HX

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



# PTZ Camera Controller

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

CL01



Pan/Tilt/Zoom  
Speed Control



Control 255  
PTZ Cameras



Multiple Control  
Interfaces



VISCA &  
Pelco-D/P

# Software Add-Ons



## PTZ Link Premium

Turn AVer's PTZ Camera To a Voice  
Tracking Camera



USB Connection



Automatic  
Video Switching



Human Detection  
Tracking



Camera Controls



Up to 256  
Preset Points



Activate Auto  
Tracking



Camera Control



Device & User  
Settings



Camera  
Management



## 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



Use Camera's  
Image As Resource



Control  
Cameras



Add More  
Cameras In



Annotation



Recording



Streaming



Capturing



## CaptureShare









Connect Your PTZ Camera to  
Any Laptop or Desktop

## Technology Partners





Comparison Chart

								
Model	PTZ330 PTZ330N	PTZ310 PTZ310N	PTC500+	PTC115+	PTC330UV2	PTC320UNV2	PTC310UV2	PTC310HWV2
PTZ Camera								
Effective Picture Elements	2 Megapixels CMOS	2 Megapixels CMOS	2 Megapixels CMOS	2 Megapixels CMOS	8 Megapixels Exmor CMOS	8 Megapixels Exmor CMOS	8 Megapixels Exmor CMOS	2 Megapixels Exmor CMOS
Output Resolution	Full HD 1080p 60fps	Full HD 1080p 60fps	Full HD 1080p 60fps	Full HD 1080p 60fps	4K 30fps	4K 30fps	4K 30fps	Full HD 1080p 60fps
Optical Zoom	30X	12X	30X	22X	30X	21X	12X	12X
HFOV	67° (Wide) to 2.3° (Tele)	72.5° (Wide) to 6.3° (Tele)	65° (Wide) to 2.3° (Tele)	65° (Wide) to 4.3° (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)
Panoramic Camera								
Effective Picture Elements	—	—	2 Megapixels CMOS	2 Megapixels CMOS	—	—	—	—
Output Resolution	—	—	Full HD 1080p 60fps	Full HD 1080p 60fps	—	—	—	—
HFOV	—	—	110°	110°	—	—	—	—
Camera Operation								
Pan/Tilt Rotation	Pan: ±170° Tilt: +90°/-30°	Pan: ±170° Tilt: +90°/-30°	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°	Pan : ±170° Tilt : +90°/-30°
Pan/Tilt Speed	0.1° to 100°/sec	0.1° to 100°/sec	2° to 50°/sec	2° to 50°/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	160°/sec	160°/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	3G-SDI HDMI IP USB	3G-SDI HDMI IP USB	HDMI IP USB
USB Video Formats	YUV, MJPEG, H.264	YUV, MJPEG, H.264	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	UVC1.1
UAC	UAC1.0	UAC1.0	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, IP, USB	RS-232, RS-422, IP, USB	RS-232, RS-422, IP, USB	RS-232, RS-422, IP, USB	RS-232, RS-422, IP
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	Yes	License Upgrade	License Upgrade
Auto Tracking Modes/ AI Functions	SmartFrame SmartShoot	SmartFrame SmartShoot	Wide Area Mode Stage Mode Segment Mode	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	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.





©2022 AVer Information Inc. All rights reserved.  
All brands and logos are trademarks of their respective companies.

[www.aver.com](http://www.aver.com)



Distributor/Dealer