

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

AI Auto Tracking Cameras

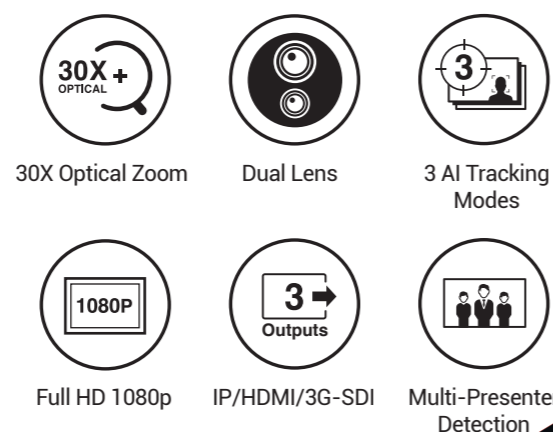
Broadcast, stream, and record—all with one camera! Equipped with optical zooms and advanced AI tracking technology, Professional PTZ Cameras capture every detail of classrooms, auditoriums, meeting rooms, stages, and houses of worship.



PTC500S Intro Video

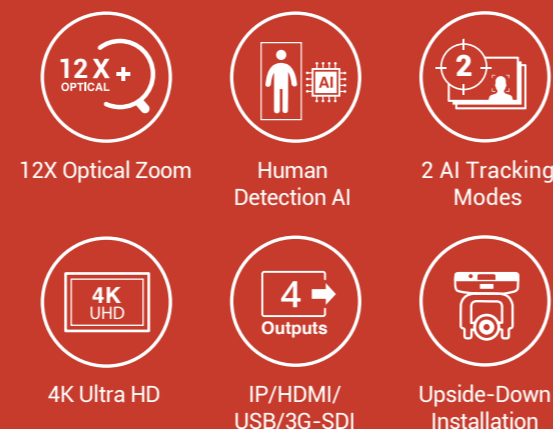
PTC500S

- Wide Area Mode
- Segment Mode
- Stage Mode



PTC310U / PTC310UN

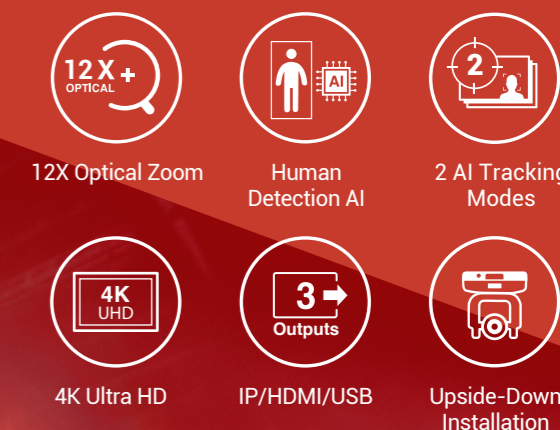
- Presenter Mode
- Zone Mode



NDI® HX

PTC310H / PTC310HN

- Presenter Mode
- Zone Mode

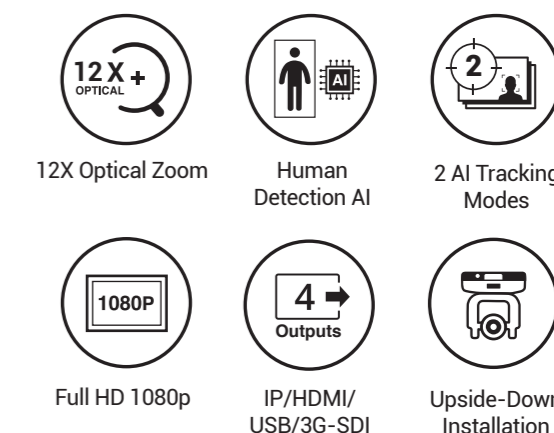


PTC300 Series Intro Video

NDI® HX

PTC310 / PTC310N

- Presenter Mode
- Zone Mode



PTZ Cameras

AVer PTZ Cameras are sure to impress your audience with auto-framing and preset-tracking technology, highly versatile movement control, and a truly revolutionary video capturing experience. Enjoy efficient and simple setup, and create comprehensive NDI-based productions.



PTZ330 & PTZ310
Intro Video



NDI®|HX PTZ330N / PTZ310N

- ▶ SmartShoot
- ▶ SmartFrame

30X/12X Optical Zoom	Exmor™ CMOS Sensor	RTSP/RTMP Livestreaming
Full HD 1080p	IP/HDMI/USB/3G-SDI	Upside-Down Installation

PTZ330 / PTZ310

- ▶ SmartShoot
- ▶ SmartFrame

30X/12X Optical Zoom	Exmor™ CMOS Sensor	RTSP/RTMP Livestreaming
Full HD 1080p	IP/HDMI/USB/3G-SDI	Upside-Down Installation



PTZ Camera Controller

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



Pan/Tilt/Zoom
Speed Control



Control 255
PTZ Cameras



Multiple Control
Interfaces



VISCA/
Pelco-D/P

CL01



Software Add-Ons



PTZ Control Panel

Replace Your Remote Control with an iPad®



Camera Controls



Up to 256
Preset Points



Activate Auto
Tracking



PTZ Management

Change the Way You Manage 100+ PTZ Cameras



Camera Control



Device & User
Settings



Camera
Management



CaptureShare

Connect your PTZ Camera to any laptop or desktop with AVer's CaptureShare.



Annotation



Recording









Streaming



Capturing

Comparison Chart

						
Model	PTC500S	PTC310U PTC310UN	PTC310H PTC310HN	PTC310 PTC310N	PTZ330 PTZ330N	PTZ310 PTZ310N
PTZ Camera						
Effective Picture Elements	2 Megapixels CMOS	8 Megapixels CMOS	8 Megapixels CMOS	2 Megapixels CMOS	2 Megapixels CMOS	2 Megapixels CMOS
Output Resolution	Full HD 1080p 60fps	4K 30fps	4K 30fps	Full HD 1080p 60fps	Full HD 1080p 60fps	Full HD 1080p 60fps
Optical Zoom	30X	12X	12X	12X	30X	12X
HFOV	65° (Wide) to 2.3° (Tele)	70° (Wide) to 6° (Tele)	70° (Wide) to 6° (Tele)	70° (Wide) to 6° (Tele)	67° (Wide) to 2.3° (Tele)	72.5° (Wide) to 6.3° (Tele)
Panoramic Camera						
Effective Picture Elements	2 Megapixels CMOS	—	—	—	—	—
Output Resolution	Full HD 1080p 60fps	—	—	—	—	—
HFOV	110°	—	—	—	—	—
Camera Operation						
Pan/Tilt Rotation	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: ±170° Tilt: +90°/-30°
Pan/Tilt Speed	2° to 50°/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	160°/sec	200°/sec	200°/sec	200°/sec	200°/sec	200°/sec
Output Interfaces	3G-SDI HDMI IP	3G-SDI HDMI IP USB	HDMI IP USB	3G-SDI HDMI IP USB	3G-SDI HDMI IP USB	3G-SDI HDMI IP USB
USB Video Formats	—	H.264, H.265, MJPEG	H.264, H.265, MJPEG	H.264, H.265, MJPEG	YUV, MJPEG, H.264	YUV, MJPEG, H.264
UVC	—	UVC1.1	UVC1.1	UVC1.1	UVC1.1	UVC1.1
UAC	—	UAC1.0	UAC1.0	UAC1.0	UAC1.0	UAC1.0
Control Interfaces	RS-232, IP	RS-232, RS-422, IP	RS-232, RS-422, IP	RS-232, RS-422, IP	RS-232, RS-422, IP	RS-232, RS-422, IP
Network Protocols	IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, DHCP, RTP/RTCP, RTSP, RTMP, ONVIF, VISCA over IP					
Control Protocols	VISCA, Pelco-D, Pelco-P, CGI					
NDI® HX	—	Yes (only PTC310UN)	Yes (only PTC310HN)	Yes (only PTC310N)	Yes (only PTZ330N)	Yes (only PTZ310N)
Auto Tracking Modes	Wide Area Mode Stage Mode Segment Mode	Presenter Mode Zone Mode	Presenter Mode Zone Mode	Presenter Mode Zone Mode	SmartFrame SmartShoot	SmartFrame SmartShoot
Warranty	Camera: 3 Years Accessories: 1 Year					

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



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