PTZ310
PTZ330

Professional
12X/30X PTZ Camera

SRT READY

TAA COMPLIANT

AVerCare Pro AV Guarantee
24 Hour Replacement | 3 Year Warranty

Professional PTZ Camera Provider

Capture Your Events in True-to-life Video Quality

AVer PTZ310 / PTZ330 Professional PTZ Cameras provide the superior video quality and versatility you need to record and share events around the world! Available in white to suit your hospital, classroom, or wedding atmospheres.
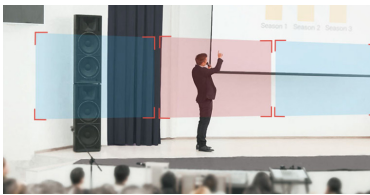
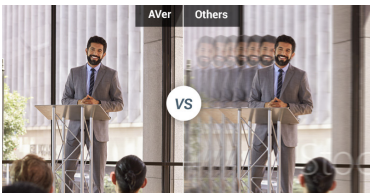| 12X/30X Optical Zoom Camera	PTZ	HDMI/IP/USB 3G-SDI	Full HD 1080p60	3-Year Warranty

Seamless Content Capture with SmartShoot

- Optimize your camera controls for automatic content capturing between preset areas
- Create a multi-camera feel across all your preset zones
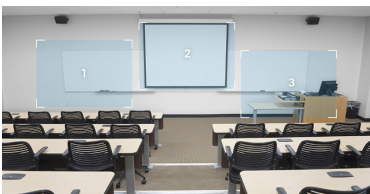- Save time and effort with a variety of shooting ranges

One-Touch Face Targeting with SmartFrame

- Instantly adjusts your FOV to fit everyone on-screen at stunning speed
- Start recording presentations, lectures, and more with no hassle
- Easily capture multiple people with one camera

Advanced Motion Control

- Achieve precise camera movement during recording
- Pan/tilt rotation maneuvers as small as 0.1° per step and as fast as 200°
- Customizable speed controls allow you to optimize your recording

Prepare for any Angle

- Up to 255 different preset locations through VISCA via RS232 and RS422 functionality
- Simplified IR remote and the ability to set 10 preprogrammed preset locations
- Easy manual control of the recording view with outstanding preset locations

Compatible Software

CRESTRON echo360 Extron KALTURA vMix

telestream ZOOM Panopto NewTek

Product Specifications

		PTZ310	PTZ330
Camera	Image Sensor	1/2.8" 1080p 60fps Exmor CMOS	
	Effective Picture Elements	Approx. 2.1 megapixels	
	Output Resolution	Auto, 1080p/60, 1080p/59.94, 1080p/50, 1080i/60, 1080i/59.94, 1080i/50, 1080p/30, 1080p/29.97, 1080p/25, 720p/60, 720p/59.94, 720p/50	
	Minimum Illumination	IRE50 0.47 lux (F1.6, 30fps)	0.43 lux (IRE50, F1.6, 30fps)
	S/N Ratio	> 50dB	
	Gain	Auto / Manual	
	TV Line	800 (Center/Wide)	800 (Corner/Wide)
	Shutter Speed	1/1s to 1/32,000s	
	Exposure Control	Auto, Manual, Priority AE(Shutter, IRIS), BLC	
	White Balance	Auto / Indoor / Outdoor / One-push / Manual (2500 - 10000)	
	Optical Zoom	12X	30X
	Digital Zoom	12X	
	Horizontal Viewing Angle	72.1° (Wide) ~ 6.6° (Tele)	67° (Wide) ~ 2.7° (Tele)
	Focal Length	f = 3.9mm (Wide) ~ 46.8mm (Tele)	f = 4.3mm (Wide) ~ 129mm (Tele)
	Aperture (Iris)	F = 1.6 (Wide) ~ 2.8 (Tele)	F = 1.6 (Wide) ~ 4.7 (Tele)
	Minimum Working Distance	0.3m (Wide), 1.5m (Tele)	0.01m (Wide), 1.2m (Tele)
	Pan/Tilt Angle	Pan : +-170°, Tilt : +90°/-30°	
	Pan/Tilt Speed (Manual)	Pan : 0.1 ~ 100° /Sec, Tilt : 0.1 ~ 100° /Sec	
	Preset Speed	Pan : 200° /Sec, Tilt : 200° /Sec	
	Preset Position	10 (IR), 255 (RS232)	
	Camera Control - Interface	RS232 (DIN8) / RS422 (RJ45)	
	Camera Control - Protocol	VISCA (RS232/RS422/IP), CGI (IP)	
	Image Processing	Noise Reduction (2/3D), Flip, Mirror	
	Power Frequency	Auto / 50Hz / 60Hz	
Audio	Audio - Channel	2ch (Stereo)	
	Audio - Codec	AAC-LC (48/44.1/32/24K), G.711/PCM (16K/8K)	
	Audio - Sample Rate	48 / 44.1 / 32 / 24 / 16 / 8Khz	
Interface	Video Output	3G-SDI, HDMI, IP, USB	
	Audio Output	3G-SDI, HDMI, IP, USB	
	Audio Input	MIC / Line-in	
General	Power Requirement	AC100V-AC240V to DC12V/5A	
	PoE	POE+ (IEEE 802.3at), Class 4	
	Operating Condition	Temperature : 0℃ ~ +40℃ ; Humidity : 20% ~ 80%	
	Storage Condition	Temperature : -20℃ ~ +60℃ ; Humidity : 20% ~ 95%	
	Dimensions	L = 180mm, W = 145mm, H = 183.5mm	
	Weight	1.741kg	1.62kg
	Application	Indoor	
	Security	Kensington Slot	
	Remote Control	Infrared	
	Accessory	Remote control, 12V/5A power adapter	
IP Streaming	Resolution	1920x1080, 1280x720, 960x540, 640x480	
	Network Video Compress Format	H.264 (High Profile), MJPEG	
	Maximum Frame Rate	H.264:60fps (1920x1080), MJPEG:30fps (1920x1080)	
	Bit-rate Control Mode	VBR / CBR (Selectable)	
	Range of Bit-rate Setting	512Kbps ~ 32Mbps	
	Network Interface	10 / 100 / 1000Base-T	
	Multi-stream Capability	2	
	Network Protocol	IPv4, TCP, UDP, ARP, IMCP, IGMP, HTTP, DHCP, RTP / RTCP, RTSP, RTMP, VISCA over IP	
	NDI Protocol	Not upgradable to NDI	
	STR Protocol	Yes	
USB	Connector	Micro-USB 2.0	
	Video Format	YUV, MJPEG	
	Maximum Video Resolution	Up to 1080p	
	USB Video Class	UVC1.1	
	USB Audio Class	UAC1.0	
WebUI	Live Video Preview	Yes	
	Camera PTZ Control	Pan / Tilt / Zoom / Focus / Preset Control	
	Camera/Image Adjustment	Exposure / WhiteBalance / Picture	
	Network Configuration	DHCP / IP Addr / Gateway / Netmask / DNS	
Software Tools		AVer PTZ Management, CaptureShare	
Warranty	Camera	3 Years with AVerCare	
	Accessories	1 Year	
Ordering Info	Part Number	PAVPTZ310 (Gray Color)	PAVPTZ330 (Gray Color)

Hardware Specifications

Front Panel

Back Panel

PoE+
RS232
RS422

Micro-USB
Audio In

DC 12V
3G-SDI
HDMI

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