



PTZ310

PTZ330

Professional
12X/30X PTZ Camera



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



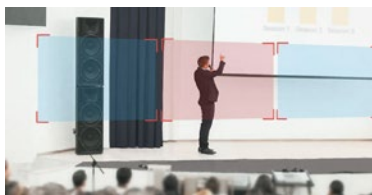
HDMI/IP/USB 3G-SDI



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



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) ~ 2.3° (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)
Audio	Camera Control - Interface	RS232 (DIN8) / RS422 (RJ45)
	Camera Control - Protocol	VISCA (RS232/RS422/IP), CGI (IP)
	Image Processing	Noise Reduction (2/3D), Flip, Mirror
Interface	Power Frequency	Auto / 50Hz / 60Hz
	Audio - Channel	2ch (Stereo)
	Audio - Codec	AAC-LC (48/44.1/32/24K), G.711/PCM (16K/8K)
General	Audio - Sample Rate	48 / 44.1 / 32 / 24 / 16 / 8KHz
	Video Output	3G-SDI, HDMI, IP, USB
	Audio Output	3G-SDI, HDMI, IP, USB
IP Streaming	Audio Input	MIC / Line-in
	Power Requirement	AC100V-AC240V to DC12V/5A
	PoE	POE+ (IEEE 802.3at), Class 4
USB	Operating Condition	Temperature : 0°C ~ +40°C ; Humidity : 20% ~ 80%
	Storage Condition	Temperature : -20°C ~ +60°C ; Humidity : 20% ~ 95%
	Dimensions	L = 180mm, W = 145mm, H = 183.5mm
WebUI	Weight	1.741 kg 1.62kg
	Application	Indoor
	Security	Kensington Slot
Software Tools	Remote Control	Infrared
	Accessory	Remote control, 12V/5A power adapter
	Resolution	1920x1080, 1280x720, 960x540, 640x480
Warranty	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)
Ordering Info	Range of Bit-rate Setting	512Kbps ~ 32Mbps
	Network Interface	10 / 100 / 1000Base-T
	Multi-stream Capability	2
	Network Protocol	IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, DHCP, RTP / RTCP, RTSP, RTMP, VISCA over IP
	NDI Protocol	Upgradable to NDI
	STR Protocol	Yes
	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
	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
		AVer PTZ Management, CaptureShare
	Camera	3 Years with AVerCare
	Accessories	1 Year
	Part Number	PAVPTZ310 (Gray Color) PAVPTZ330 (Gray Color)

Hardware Specifications

Front Panel



Back Panel



PoE+
 RS232
 RS422
 DC 12V
 3G-SDI
 HDMI
 Micro-USB
 Audio In



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