

	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	0.4 lux	0.3 lux (IRE50, F1.6, 30FPS)
	S/N ratio	> 50dB	
	Gain	Auto / Manual	
	TV Line	800 (center/wide), 700 (corner/wide)	600 (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	72.5° (Wide) ~ 6.3° (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)	0.1m (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 - 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		
Video Output	3G-SDI, HDMI, IP, USB		
Audio Output	3G-SDI, HDMI, IP, USB		
Audio Input	MIC / Line in		
Power Requirement	AC100V-AC240V to DC12V/5A		
PoE	POE+ (IEEE 802.3at), Class 4		
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		
Weight	1.741kg	1.62kg	
Application	Indoor		
Security	Kensington slot		
Remote Control	Infrared		
Accessory	Remote control, 12V/5A power adapter		
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, ICMP, IGMP, HTTP, DHCP, RTP / RTCP, RTSP, RTMP, VISCA over IP		
Connector	Micro-USB 2.0		
Video Format	YUV, MJPEG, H.264		
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		
Software Tools	Device IP Searching, Configuration tool		
Warranty*	Camera	3+2 Year	
	Accessories	1 Year	

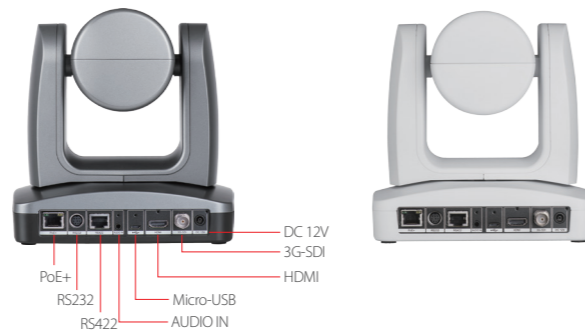
* Please register online to receive free 2 year warranty extension. For detailed warranty information, please contact an AVer representative.

Hardware Specifications

Front Panel



Back Panel



Distributor/Dealer

PTZ310 / PTZ330

Capture Your Events in True-to-life Video Quality





Professional PTZ Camera

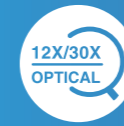
AVer PTZ310 / PTZ330 Professional PTZ Cameras provide the superior video quality and versatility you need to record and share events around the world! Available in white to suite your hospital, classroom, or wedding atmospheres.



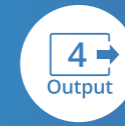
PTZ



Full HD 1080p60



12X/30X OPTICAL



IP/HDMI USB/3G-SDI



3+2 WARRANTY



Seamless Tracking Between Your Preset Zones

AVer **SmartShoot** optimizes your camera controls for automatic and seamless content capturing between your preset areas. With SmartShoot's preset zone tracking you can create an uncompromising multi-camera feel with just one PTZ310 / 330 across all your preset zones. Save effort and time, while providing your video with a huge variety of shooting ranges.



Fit Your FOV in Seconds

AVer's new **SmartFrame** provides you one-touch face targeting technology to create stunning video content fast. SmartFrame instantly adjusts your FOV to fit everyone onscreen at stunning speed so you can start recording presentations, lectures, and more with no hassle. Perfect for capturing multiple people, SmartFrame makes video content capturing easy and enjoyable.

Highly Versatile Camera Motion Control

The PTZ310 / PTZ330's advanced Motion Control Settings allow precise camera movement during recording. Pan/tilt rotation maneuvers as small as 0.1° per step and as fast as 200° with customizable speed controls allow you to optimize your video recording.



PTZ Camera with 12X/30X Optical Zoom

Get resounding image quality with 12X/30X optical zoom. People, products, or images are always crystal clear with the PTZ310 / PTZ330's powerful PTZ Camera.



Prepare for any Angle with Outstanding Preset Location Functionality

Preset the PTZ310 / PTZ330 with up to 255 different locations through VISCA via RS232 and RS422 functionality. With its simplified IR remote and the ability to set 10 preprogrammed preset locations, the PTZ310 / 330 provides easy manual control of the recording view.

