



**STREAM
SMARTER**



AVer PTZ231

Professional PTZ Camera





AVer's PTZ231 is an advanced PTZ camera that gives you complete control over your streaming content. Enjoy professional-grade streaming with full HD 1080p outputs at 60 fps, a 30X optical zoom, and the cutting-edge SmartShoot feature. Upgrade your livestream performances and dazzle your audience with the PTZ231.



60 fps



Full HD 1080p Resolution



30X Optical Zoom



Exmor™ CMOS Sensor



SmartShoot



IP/HDMI/USB/3G-SDI



Superior Camera Motion



Intuitive Web UI



Upside-Down Installation



Voice Tracking*

* Voice Tracking requires PTZ Link.

Powerful Zoom: 30X Optical Precision

Experience amazing clarity as our 30X optical zoom camera and rapid autofocus bring every participant into sharp focus. And with advanced zoom performance, you won't overlook any crucial moment.



Elevated Clarity: FHD Resolution

The PTZ231 enhances your streaming experience with a high-quality Sony sensor and Full HD resolution. The image processor optimizes shot quality automatically, whether it's a close-up or an extreme long shot, delivering an impressive visual experience.



Simplified Connection: HDMI/USB/IP + 60fps

The PTZ231 supports seamless 60fps streaming capabilities across HDMI, USB, and IP outputs. Free yourself from intricate settings and cable clutter, all while managing multiple devices seamlessly and maintaining smooth video streaming.



Work Like a Pro: Fast & Precise

Indulge in the versatility of customizable movement speed, ranging from 0.1° to 200° per second, ensuring exceptional agility and precision. This sensitivity and seamless multi-angle movement allow you to capture captivating footage.



SmartShoot: Your Content Matters

With its built-in SmartShoot functionality, the PTZ231 uses live Human Detection to autonomously maneuver the camera across up to 4 preset zones. The camera remains focused on the presenter, swiftly transitioning between shooting zones as needed, delivering sharp images of both the presenter and their content.



PTZ Link: Voice Tracking for PTZ Cameras

Wish you had a way to connect your PTZ camera to a microphone system? Now you can, with PTZ Link — the only software that lets you combine a PTZ camera with audio pickup devices. Easily transform your AVer Pro AV Camera into a voice tracking camera with preset areas that let the camera automatically shift between various speakers. Take your streams from ordinary to extraordinary with PTZ Link's seamless camera and audio integration.



Product Specifications

Camera		General	
Image Sensor	1/2.8" 1080p Exmor CMOS	Power Requirement	AC 100 - 240V to DC 12V/2A
Effective Picture Elements	2 Megapixels	Power Consumption	19W
Output Resolutions	1080p/60, 1080p/59.94, 1080p/50, 1080p/30, 1080p/29.97, 1080p/25, 1080i/60, 1080i/59.94, 1080i/50, 720p/60, 720p/59.94, 720p/50	PoE	PoE+
		Dimensions (W x H x D)	180.0 x 192.0 x 145.0 mm
Minimum Illumination	0.5 lux (IRE50, F1.6, 30fps)	Net Weight	2.0 (±0.1) kg
S/N Ratio	≥ 50 dB	Application	Indoor
Gain	Auto, Manual	Tally Lamp	Yes
TV Lines	1000 (Center)	Security	Kensington Slot
Shutter Speed	1/1 to 1/32,000 sec	Remote Control	Infrared
Exposure Control	Auto, Manual, Priority AE (Shutter, IRIS), BLC, WDR	Operating Conditions	Temperature : 0 °C to +40 °C ; Humidity : 20% to 80%
White Balance	Auto, Manual, ATW, One Push	Storage Conditions	Temperature : -20 °C to +60 °C ; Humidity: 20% to 95%
Optical Zoom	30X	IP Streaming	
Digital Zoom	1X	Resolution	1080p 60fps
Total Zoom	30X	Network Video Compress Formats	H.264, H.265, MJPEG
Viewing Angles	DFOV: 69.2° (Wide) to 2.8° (Tele) HFOV: 62.3° (Wide) to 2.5° (Tele) VFOV: 37.3° (Wide) to 1.4° (Tele)	Maximum Frame Rate	1080p 60fps
		Bit-Rate Control Modes	VBR, CBR (selectable)
		Range of Bit-Rate Setting	512 Kbps to 120 Mbps
Focal Length	f = 4.5 mm (Wide) to 135 mm (Tele)	Network Interface	10 / 100 / 1000 Base-T
Aperture (Iris)	F = 1.8 (Wide) to 4.7 (Tele)	Multi-Stream Capability	4 1080p 60fps: RTSP, HDMI, USB & 3G-SDI
Minimum Working Distance	0.1 m (Wide), 1.2 m (Tele)	Network Protocols	IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, DHCP, RTP / RTCP, RTSP, RTMP, SRT, HLS, NDI, LLDP, VISCA over IP
Pan / Tilt Angles	Pan : ±170°, Tilt : +90° / -30°	NDI® HX	License Upgrade to NDI HX2 available in 2024Q2
Pan / Tilt Speed (Manual)	Pan : 0.1° to 100° / sec, Tilt : 0.1° to 100° / sec	USB	
Preset Speed	Pan : 200° / sec, Tilt : 200° / sec	Connector	USB 3.1
Preset Positions	10 (IR), 256 (RS-232, RS-422, IP)	Video Formats	MJPEG, YUY2
Camera Control - Interfaces	RS-232 (DIN8), RS-422 (RJ45), IP	Maximum Video Resolution	1080p
Camera Control - Protocols	VISCA (RS-232 / RS-422 / IP), PELCO-D & PELCO-P (RS-232 / RS-422), CGI (IP), ONVIF	USB Video Class (UVC)	UVC 1.1
Image Processing	Noise Reduction (2D / 3D), Flip, Mirror, WDR, BLC	USB Audio Class (UAC)	UAC 1.0
Power Frequencies	50 Hz, 60 Hz	Web UI	
AI Function		Live Video Preview	Yes
Mode	SmartShoot	Camera PTZ Control	Pan, Tilt, Zoom, Focus, Preset Control
Privacy Protection Mechanism		Camera / Image Adjustment	Exposure, White Balance, Picture
Protection Mode	Sleep Mode	Network Configuration	DHCP, IP Address, Gateway, Subnet Mask, DNS
Audio		Software Tools	
Channels	2ch Stereo	IP Search and Configuration Tool	Support Windows® 7 or later
Codecs	AAC-LC	PTZ Management	Support Windows® 7 or later
Sample Rate	48 KHz	PTZ Control Panel	Supports iOS & iPadOS® 11 or later
Interface		PTZ Link	Supports Windows® 7 or later, macOS® 10.14 or later
Video Outputs	3G-SDI, HDMI, IP, USB	OBS Plugin for PTZ Cameras	Supports Windows® 8 or later, macOS® High Sierra v10.13 or later
Audio Outputs	3G-SDI, HDMI, IP, USB	CaptureShare	Supports Windows® 7 or later, macOS® 10.14 or later
Audio Inputs	MIC in, Line in		
Warranty			
Camera	5 Years		
Accessories	1 Year		
Package Contents	Camera, Drilling Paper, Ceiling Mount Bracket (x2), Quick Start Guide, Cable Fixing Plate (x2), M2 x 4 mm Screw (x3), Power Adapter & Power Cord, 1/4"-20 L=6.5 mm Screw (x2), Remote Control, M3 x 6 mm Screw (x3), DIN 8 to D-Sub 9 Cable, RS-232 In/Out Y Cable, Cable Tie (x4)		
Optional Accessories	AVer CL01 PTZ Camera Controller, L-Type Wall Mount		

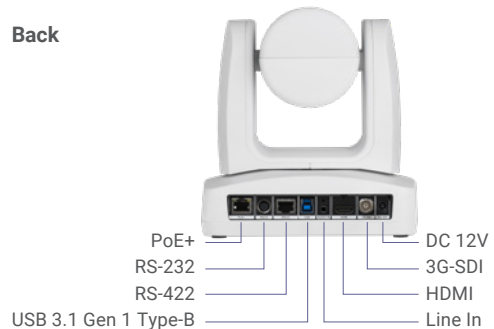
* Specifications may vary depending on location and are subject to change without notice.

Product Appearance

Front



Back



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