

SMART STREAMING

AVer **PTZ211**

Professional PTZ Camera



NDI.HX3

Dante AV-H™



AVer's PTZ211 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 12X optical zoom, and the cutting-edge SmartShoot feature. Upgrade your livestream performances and dazzle your audience with the PTZ211.



60 fps



Full HD 1080p
Resolution



12X 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: 12X Optical Precision

Experience amazing clarity as our 12X optical zoom camera and rapid autofocus bring every participant into sharp focus. And with advanced zoom performance, you won't overlook any crucial moment.



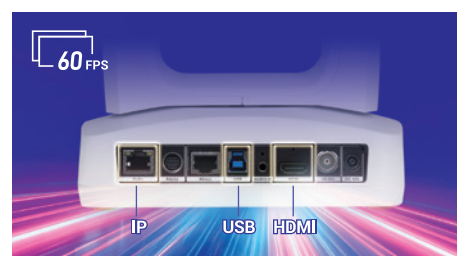
Elevated Clarity: FHD Resolution

The PTZ211 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 PTZ211 supports seamless 60 fps 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.



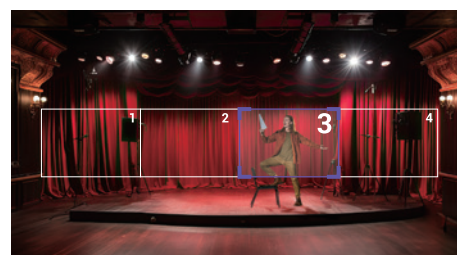
Work Like a Pro: Fast & Precise

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 PTZ211 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
		Net Weight	2.0 (±0.1) kg
Minimum Illumination	0.46 lux (IRE50, F1.6, 30fps)	Application	Indoor
S/N Ratio	≥ 50 dB	Tally Lamp	Yes
Gain	Auto, Manual	Security	Kensington Slot
TV Line	1000 (Center)	Remote Control	Infrared
Shutter Speed	1/1 to 1/32,000 sec	Operating Conditions	Temperature : 0 °C to +40 °C ; Humidity : 20% to 80%
Exposure Control	Auto, Manual, Priority AE (Shutter, IRIS), BLC, WDR		
White Balance	Auto, Manual, ATW, One Push	Storage Conditions	Temperature : -20 °C to +60 °C ; Humidity: 20% to 95%
Optical Zoom	12X		
Digital Zoom	12X	IP Streaming	
Total Zoom	144X	Resolution	1080p 60fps
Viewing Angles	DFOV : 80.6° (Wide) to 7.7° (Tele) HFOV : 72.8° (Wide) to 6.7° (Tele) VFOV : 44.1° (Wide) to 3.8° (Tele)	Network Video Compress Formats	H.264, H.265, MJPEG
		Maximum Frame Rate	1080p 60fps
		Bit-Rate Control Modes	VBR, CBR (selectable)
Focal Length	f = 3.9 mm (Wide) to 46.8 mm (Tele)	Range of Bit-Rate Setting	512 Kbps to 120 Mbps
Aperture (Iris)	F = 1.6 (Wide) to 2.8 (Tele)	Network Interface	10 / 100 / 1000 Base-T
Minimum Working Distance	0.3 m (Wide), 1.5 m (Tele)	Multi-Stream Capability **	5 1080p 60fps: RTSP, HDMI, USB & NDI® HX3 / Dante AV-H 1080p 60fps: 3G-SDI
Pan / Tilt Angles	Pan : ±170°, Tilt : +90° / -30°		
Pan / Tilt Speed (Manual)	Pan : 0.1° to 100° / sec, Tilt : 0.1° to 100° / sec	Network Protocols	IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, DHCP, RTP / RTCP, RTSP, RTMP, SRT, HLS, NDI, LLDP, VISCA over IP
Preset Speed	Pan : 200° / sec, Tilt : 200° / sec		
Preset Positions	10 (IR), 256 (RS-232 / RS-422 / IP)	AV over IP Protocols	NDI® HX3 & Dante AV-H
Camera Control - Interface	RS-232 (DIN8), RS-422 (RJ45), IP	USB	
Camera Control - Protocols	VISCA (RS-232 / RS-422 / IP), PELCO-D & PELCO-P (RS-232 / RS-422), CGI (IP), ONVIF	Connector	USB 3.1
		Video Formats	MJPEG, YUY2
Image Processing	Noise Reduction (2D / 3D), Flip, Mirror, WDR, BLC	Maximum Video Resolution	1080p
Power Frequencies	50 Hz, 60 Hz	USB Video Class (UVC)	UVC 1.1
AI Function		USB Audio Class (UAC)	UAC 1.0
Mode	SmartShoot	Web UI	
Privacy Protection Mechanism		Live Video Preview	Yes
Protection Mode	Sleep Mode	Camera PTZ Control	Pan, Tilt, Zoom, Focus, Preset Control
Audio		Camera/Image Adjustment	Exposure, White Balance, Picture
Channels	2ch Stereo	Network Configuration	DHCP, IP Address, Gateway, Subnet Mask, DNS
Codecs	AAC-LC	Software Tools	
Sample Rate	48 KHz	IP Search and Configuration Tool	Support Windows® 7 or later
Interface		Enterprise Management (PTZ Management)	Supports Windows® 10 or later
Video Outputs	3G-SDI, HDMI, IP, USB	PTZ Control Panel	Supports iOS & iPadOS® 9 or later
Audio Outputs	3G-SDI, HDMI, IP, USB	PTZ Link	Supports Windows® 7 or later, macOS® 10.14 or later
Audio Inputs	MIC in, Line in	OBS Plugin for PTZ Cameras	Supports Windows® 8 or later, macOS® High Sierra v10.13 or later
Warranty			
Camera	5 Years	CaptureShare	Supports Windows® 7 or later, macOS® 10.14 or later
Accessories	1 Year	Room Management (PTZApp 2)	Supports Windows® 7 or later, macOS® 11.6 or later
		Cloud Management	Supports Windows® 7 or later, macOS® 10 or later
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			

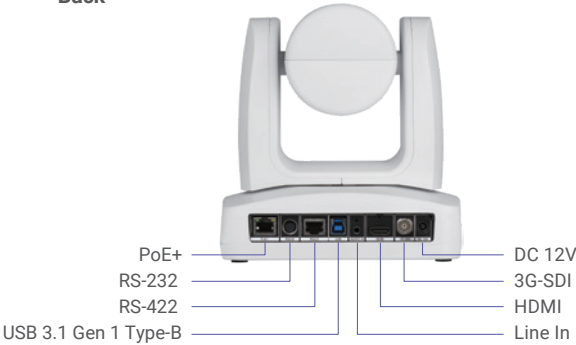
* Specifications may vary depending on location and are subject to change without notice.
** When choosing NDI® HX3 Mode, USB video will be disabled.

Product Appearance

Front



Back



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