

AVer



**PERFECT
STREAMS
WITH
NDI® HX3**

AVer PTZ330UNV2



NDI®|HX3 PTZ Camera

Stream like a pro with AVer's latest NDI®|HX3 PTZ Camera! Get superior 4K 60 fps streaming through HDMI, USB, and IP outputs. And with a 30X optical zoom lens and embedded intelligent SmartShoot technology, you'll have the flexibility to capture every detail of your presentation in perfect clarity. Upgrade your streaming experience today with the PTZ330UNV2!

NDI®



NDI® is a registered trademark of NewTek, Inc.
NDI®|HX is technology of NewTek, Inc.



NDI®HX3



60 fps



4K Ultra HD



30X Optical Zoom



SmartShoot



IP/HDMI/USB/3G-SDI



Superior Camera Motion



Intuitive Web UI



Upside-Down Installation



Voice Tracking*

* Voice Tracking requires PTZ Link software.

NDI® HX3: The Latest and Greatest

Revolutionize your streaming with PTZ330UNV2's NDI® HX3 technology! Enjoy lossless, low-latency video streaming without the hassle of a complicated setup. Experience the convenience of pan, tilt, and zoom functions. Get your hands on this next-generation tech and take your streaming to the next level!



30X Optical Performance: Harness the Power of Zoom

The 30X optical zoom camera and rapid autofocus ensure that every participant appears crystal-clear onscreen. With advanced zoom performance capturing every detail, you'll never miss a moment of any occasion.



4K Ultra HD: A New Level of Clarity

With its industry-leading Sony sensor and 4K Ultra HD super-high resolution, the PTZ330UNV2 takes every streaming experience from ordinary to stunning. And an advanced image processor automatically optimizes the quality of every shot, whether it's a close-up or an extreme long shot.



HDMI/USB/IP + 4K 60 fps: Smoother Streams

NDI® has praised the PTZ330UNV2 for its real 4K 60 fps streaming capabilities via HDMI, USB, and IP outputs. With no complicated settings or tangled cords to manage, you can easily use multiple devices at the same time and still get a smoother video streaming experience.



SmartShoot: Keep People and Content in Focus

With embedded SmartShoot, the PTZ330UNV2 uses real-time Human Detection to automatically move the camera smoothly between up to 4 preset zones. The camera focuses on the presenter to quickly switch between shooting zones whenever they do, delivering consistently clear images of them and their content.



PTZ Link: Bring Voice Tracking to PTZ Cameras

PTZ Link is the only software that lets you connect PTZ Cameras to microphone systems. With the help of PTZ Link, you can easily turn your AVer PTZ Camera into a voice tracking camera by setting preset areas that let the camera automatically switch focus between different speakers in those spaces. Leverage seamless camera and audio integration with PTZ Link to experience ultimate-quality streams.



Product Specifications

Camera		General	
Image Sensor	1/2.8" 4K Exmor CMOS	Power Requirement	AC 100 - 240V to DC 12V/2A
Effective Picture Elements	8 Megapixels	Power Consumption	19W
Output Resolutions	4K/60, 4K/59.94, 4K/50, 4K/30, 4K/29.97, 4K/25, 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
		Application	Indoor
Minimum Illumination	0.5 lux (IRE50, F1.6, 30fps)	Tally Lamp	Yes
S/N Ratio	≥ 50 dB	Security	Kensington Slot
Gain	Auto, Manual	Remote Control	Infrared
TV Lines	1400 (Center/Wide)	Operating Conditions	Temperature : 0 °C to +40 °C ; Humidity : 20% to 80%
Shutter Speed	1/1 to 1/32,000 sec		
Exposure Control	Auto, Manual, Priority AE (Shutter, IRIS), BLC, WDR	Storage Conditions	Temperature : -20 °C to +60 °C ; Humidity : 20% to 95%
White Balance	Auto, Manual, ATW, One Push		
Optical Zoom	30X	IP Streaming	
Digital Zoom	12X	Resolution	4K 60fps
Total Zoom	360X	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	4K 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 4K 60fps: RTSP, HDMI & USB 1080p 60fps: 3G-SDI
Minimum Working Distance	0.1 m (Wide), 1.2 m (Tele)		
Pan / Tilt Angles	Pan : ±170°, Tilt : +90° / -30°	Network Protocols	IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, DHCP, RTP / RTCP, RTSP, RTMP, SRT, HLS, NDI, LLDP, VISCA over IP
Pan / Tilt Speed (Manual)	Pan : 0.1° to 100° / sec, Tilt : 0.1° to 100° / sec		
Preset Speed	Pan : 200° / sec, Tilt : 200° / sec	NDI® HX3	Yes
Preset Positions	10 (IR), 256 (RS-232, RS-422, IP)	NDI® Genlock	Yes (available in Q3)
Camera Control - Interfaces	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)	Connector	USB 3.1
Image Processing	Noise Reduction (2D / 3D), Flip, Mirror	Video Formats	MJPEG, YUY2
Power Frequencies	50 Hz, 60 Hz	Maximum Video Resolution	2160p
AI Function	SmartShoot	USB Video Class (UVC)	UVC 1.1
		USB Audio Class (UAC)	UAC 1.0
Audio		Web UI	
Channels	2ch Stereo	Live Video Preview	Yes
Codecs	AAC-LC	Camera PTZ Control	Pan, Tilt, Zoom, Focus, Preset Control
Interface		Camera / Image Adjustment	Exposure, White Balance, Picture
Video Outputs	3G-SDI, HDMI, IP, USB	Network Configuration	DHCP, IP Address, Gateway, Subnet Mask, DNS
Audio Outputs	3G-SDI, HDMI, IP, USB	Software Tools	
Audio Inputs	MIC in, Line in	IP Search and Configuration Tool	Support Windows® 7 or later
Warranty		PTZ Management	Support Windows® 7 or later
Camera	5 Years	PTZ Control Panel	Supports iOS & iPadOS® 11 or later
Accessories	1 Year	PTZ Link	Supports Windows® 7 or later, macOS® 10.14 or later
Package Contents		OBS Plugin for PTZ Cameras	Supports Windows® 8 or later, macOS® High Sierra v10.13 or later
Camera, Drilling Paper, Ceiling Mount Bracket (x2), Quick Start Guide, Cable Fixing Plate, 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 Ties (x4)		CaptureShare	Supports Windows® 7 or later, macOS® 10.14 or later
		Optional Accessories	
		AVer CL01 PTZ Camera Controller, L-Type Wall Mount	

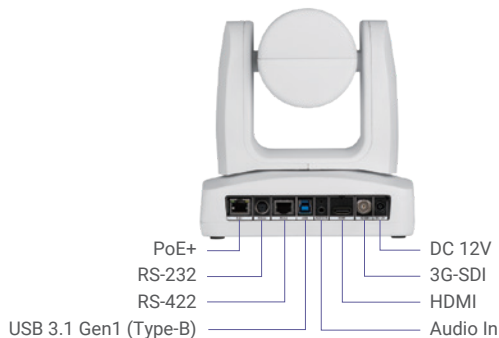
* When choosing NDI® HX3 Mode, USB video will be disabled.
 ** Specifications may vary depending on location and are subject to change without notice.

Product Appearance

Front & Side



Back



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Distributor/Dealer