STREAM LIVE. STREAM FASCINATION.

AVer PTZ330UV2

Professional PTZ Camera

Amaze your audience with AVer's PTZ330UV2 — the high-end PTZ camera that gives you full control of your streaming content. With 4K 60 fps HDMI/USB/IP outputs, a 30X optical zoom lens, and SmartShoot functionality, this advanced streaming solution is unmatched. Take your streams to the top and make a lasting impression with the PTZ330UV2!

60 fps

4K Ultra HD

30X Optical Zoom

Exmor™ CMOS Sensor

SmartShoot

IP/HDMI/USB/3G-SDI

Superior Camera Motion

Intuitive Web UI

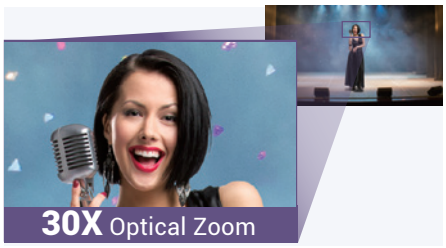
Upside-Down Installation

Voice Tracking*

* Voice Tracking requires PTZ Link software.

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.

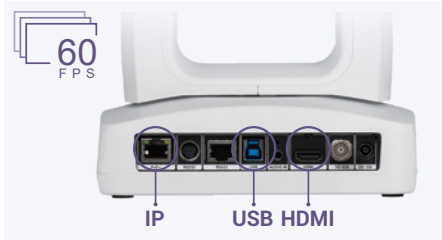


4K Ultra HD: A New Level of Clarity

With its industry-leading Sony sensor and 4K Ultra HD super-high resolution, the PTZ330UV2 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 PTZ330UV2 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.



0.1° to 200° Per Second Precision: Pro Camera Control

Customizable movement speed settings, ranging from 0.1 ° to 200 ° per second, offer high-level agility and precision for ultimate motion control during streams. The resulting sensitive and smooth multi-angle movement lets you capture extraordinary footage that dazzles your audience.

SmartShoot: Keep People and Content in Focus

With embedded SmartShoot, the PTZ330UV2 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	
Image Sensor	1/2.8" 4K Exmor CMOS
Effective Picture Elements	8 Megapixels
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
Minimum Illumination	0.5 lux (IRE50, F1.6, 30fps)
S/N Ratio	≥ 50 dB
Gain	Auto, Manual
TV Lines	1400 (Center/Wide)
Shutter Speed	1/1 to 1/32,000 sec
Exposure Control	Auto, Manual, Priority AE (Shutter, IRIS), BLC, WDR
White Balance	Auto, Manual, ATW, One Push
Optical Zoom	30X
Digital Zoom	12X
Total Zoom	360X
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)
Focal Length	f = 4.5 mm (Wide) to 135 mm (Tele)
Aperture (Iris)	F = 1.8 (Wide) to 4.7 (Tele)
Minimum Working Distance	0.1 m (Wide), 1.2 m (Tele)
Pan / Tilt Angles	Pan : ±170°, Tilt : +90° / -30°
Pan / Tilt Speed (Manual)	Pan : 0.1° to 100° / sec, Tilt : 0.1° to 100° / sec
Preset Speed	Pan : 200° / sec, Tilt : 200° / sec
Preset Positions	10 (IR), 256 (RS-232, RS-422, IP)
Camera Control - Interfaces	RS-232 (DIN8), RS-422 (RJ45), IP
Camera Control - Protocols	VISCA (RS-232 / RS-422 / IP), PELCO-D & PELCO-P (RS-232 / RS-422), CGI (IP)
Image Processing	Noise Reduction (2D / 3D), Flip, Mirror
Power Frequencies	50 Hz, 60 Hz
AI Function	
Mode	SmartShoot
Audio	
Channels	2ch Stereo
Codecs	AAC-LC
Interface	
Video Outputs	3G-SDI, HDMI, IP, USB
Audio Outputs	3G-SDI, HDMI, IP, USB
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, 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)	

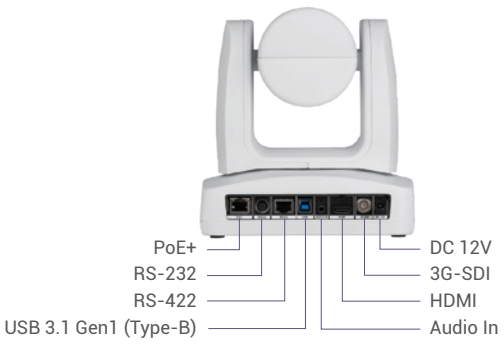
General	
Power Requirement	AC 100 - 240V to DC 12V/2A
Power Consumption	19W
PoE	PoE+
Dimensions (W x H x D)	180.0 x 192.0 x 145.0 mm
Net Weight	2.0 (±0.1) kg
Application	Indoor
Tally Lamp	Yes
Security	Kensington Slot
Remote Control	Infrared
Operating Conditions	Temperature : 0 °C to +40 °C ; Humidity : 20% to 80%
Storage Conditions	Temperature : -20 °C to +60 °C ; Humidity : 20% to 95%
IP Streaming	
Resolution	4K 60fps
Network Video Compress Formats	H.264, H.265, MJPEG
Maximum Frame Rate	4K 60fps
Bit-Rate Control Modes	VBR, CBR (selectable)
Range of Bit-Rate Setting	512 Kbps to 120 Mbps
Network Interface	10 / 100 / 1000 Base-T
Multi-Stream Capability	4 4K 60fps: RTSP, HDMI & USB 1080p 60fps: 3G-SDI
Network Protocols	IPv4, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, DHCP, RTP / RTCP, RTSP, RTMP, SRT, HLS, NDI, LLDP, VISCA over IP
NDI®|HX3	N/A
USB	
Connector	USB 3.1
Video Formats	MJPEG, YUY2
Maximum Video Resolution	2160p
USB Video Class (UVC)	UVC 1.1
USB Audio Class (UAC)	UAC 1.0
Web UI	
Live Video Preview	Yes
Camera PTZ Control	Pan, Tilt, Zoom, Focus, Preset Control
Camera / Image Adjustment	Exposure, White Balance, Picture
Network Configuration	DHCP, IP Address, Gateway, Subnet Mask, DNS
Software Tools	
IP Search and Configuration Tool	Support Windows® 7 or later
PTZ Management	Support Windows® 7 or later
PTZ Control Panel	Supports iOS & iPadOS® 11 or later
PTZ Link	Supports Windows® 7 or later, macOS® 10.14 or later
OBS Plugin for PTZ Cameras	Supports Windows® 8 or later, macOS® High Sierra v10.13 or later
CaptureShare	Supports Windows® 7 or later, macOS® 10.14 or later
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 & Side

Back



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