

Tenveo UVMAX Series FHD Camera

AI Auto Tracking PTZ Cameras

12x/20x/30x Optical Zoom for Option



AI Auto Tracking **1080P** **60FPS** **NDI|HX2** **SRT** **POE** **USB 3.0+HDMI** **+IP+SDI** 

Tenveo Full Interface AI Tracking UVMAX Series - The PTZ Live Streaming Camera is equipped with a 12/20/30X Optical Zoom + 8X Digital Zoom which reaches up to 1080P 60FPS FHD video output. Equipped with a 1/2.8" CMOS Sensor, combined with 2D&3D Digital Noise Reduction technology and AI algorithm, it can easily cope with various scenarios. Tenveo PTZ Camera surprises you with a vivid color, sharp and crystal video quality.

Smart Auto Tracking

The AI PTZ Camera with Auto-Tracking supports human shape tracking based on advanced AI algorithm. Through face recognition, it can accurately determine the location of people, realize automatic tracking and automatic frame selection. This makes it ideal for capturing live events, such as church services worship events, sporting events, live concerts, or large conferences.



Various Optical Zoom Lens, 12x/20x/30x Optical Zoom

With 12x/20x/30x Optical Zoom for option, Tenveo AI Auto Tracking PTZ cameras provide unrivaled flexibility to adapt to any application scenarios by providing close-up shots with excellent details.



Smooth and Silent Pan/Tilt Movement

Tenveo PTZ Camera can rotate $350^{\circ}(\pm 175^{\circ})$ horizontally and $180^{\circ}(\pm 90^{\circ})$ vertically in an accurate, smooth and silent way. It also supports 10 presets setting through the IR Remote Control and 255 presets via RS232/RS485/LAN interfaces for professional control. It is convenient, quick and accurate to control the PTZ camera pan, tilt, zoom, and move to the preset position for close-up sequence.



Multiple Interfaces

Equipped with 3G-SDI, HDMI, USB3.0, and RJ45 interfaces, this live streaming camera provides flexibility and versatility when it comes to connecting to different devices and platforms. PoE(802.3af) supported. Meanwhile, LINE IN and LINE OUT interfaces can be connected to audio devices, supporting simultaneous audio and video streaming(audio device is not included). This makes it compatible with a wide range of devices and platforms, allowing you to meet all your live streaming needs. Also there is a power button of the camera, you can turn on or turn off the camera by it.



Full Compatibility

Build your live streaming or video conference system with easy using platforms like Zoom, Skype for Business, OBS, and vMix. Perfect for Church Services, house of Worship, Teaching and Education, Broadcast, High-Tech Conference, Summit Forum, Events, etc. It supports Windows 7/8.1/10, Mac OS 10.10, Linux, Android or higher.

Model No.	1080P 12X ZOOM	1080P 20X ZOOM	1080P 30X ZOOM
Sensor	1/2.8"		
Effective Pixels	2.07MP		
Video Signals	1080P60, 1080P59.94, 1080P50, 1080P30, 1080P29.97, 1080P25, 1080I60, 1080I59.94, 1080I50, 720P60, 720P59.94, 720P50		
Zoom	12x optical zoom	20x optical zoom	30x optical zoom
Lens	f=3.5mm ~ 42.3mm	f=4.42mm ~ 88.5mm	f=4.42mm ~ 132.6mm
Aperture	F1.8 ~ F2.8	F1.8 ~ F2.8	F1.8 ~ F2.8
Horizontal Angle	72.29° ~ 6.74°	64.98° ~ 3.47°	63.7° ~ 3.28°
Vertical Angle	43.43° ~ 3.83°	38.41° ~ 1.98°	37.1° ~ 1.68°
Diagonal Angle	80.71° ~ 7.65°	72.88° ~ 3.95°	72.5° ~ 3.63°
Digital Zoom	16X		
Video Output	USB 3.0, HDMI, RJ45, SDI		
Signal Standard	NTSC/PAL		
Control Interface	RS232, RS485, USB, NET		
Shutter	1/30s ~ 1/10000s		
White Balance	Auto, Indoor, Outdoor, One Push, Manual, VAR		
Backlight Compensation	Support		
Digital Noise Reduction	2D&3D Digital Noise Reduction		
Baud Rate	2400/4800/9600/19200/38400/57600/115200		
Control Protocol	VISCA, Pelco-D, Pelco-P		
USB Protocol	UVC 1.1		
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)		
SNR	≥55dB		
Horizontal Rotation	350° (±175°) 0.1°/s ~ 100°/s		
Vertical Rotation	180° (±90°) 0.1°/s ~ 80°/s		
H & V Flip	Support		
Image Freeze	Support		
PoE	Support		
Number of Preset	255		
Preset Accuracy	0.1°		
Generic Specification			
Power Supply	DC 12V/2A		
Power Consumption	18W		
Work Temperature	0°C ~ 40°C		
Work Humidity	20% ~ 80% RH		
Product Size	158.9*156.5*179.4mm/285*217*197mm(before / after packing)		
Product Weight	1.51kg/2.59kg(net / gross weight)		

	IPC Features	IPC Features
Video Encoding Format	H.264/H.265/MJPEG	HD Output
Video Stream	Main Stream, Sub Stream	1xHDMI 1x3G-SDI: BNC type, 800mVp-p, 75Ω, Along to SMPTE 424M standard
Main Stream Resolution	1920x1080, 1280x720, 1024x576, etc.	LAN
Sub Stream Resolution	1280x720, 1024x576, 720x576, etc.	1xRJ45:10M/100M Ethernet Interface
Video Bit Rate	32Kbps ~ 20480Kbps	Audio Interface
Bit Rate Type	Variable Rate, Fixed Rate	1-ch: 3.5mm Audio Interface, Line in
Frame Rate	1fps ~ 60fps	USB
Audio Compression	AAC	1xUSB3.0: Type B female jack
Audio Bit Rate	96Kbps, 128Kbps, 256Kbps	Communication Interface
Network Protocol	NDI HX2,SRT,TCP/IP, HTTP, RTSP, RTMP(S), Onvif, DHCP, GB/T28181, Multicast;	1xRS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P
		1xRS232 Out: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA network use only
		1xRS485: 2pin Phoenix Port, Max Distance: 1200m, Protocol: VISCA/Pelco-D/Pelco-P
		Power Jack
		JEITA type (DC IN 12V)

Hotline : 400-1080-686
Tel : 0086-755-8526-1373
Email : sales01@tenveo.com
Address : 9th&13th Floor, Fukang technology Building, No. 7, Fukang community, Longhua Street, ShenZhen, China

