

UHD Pro SERIES 3x/10x/12x/20x

Tenveo 1080P (Optional 4K for 12x) PTZ Cameras



4K **1080P** **USB3.0**
30FPS **60FPS** **+HDMI**



WIDE
View Angle

WIDE
compatibility

Tenveo TEVO-UHDPro Series PTZ video cameras are equipped with a professional 1/2.8 inch SONY CMOS image sensor with Full HD 1080p (4K for TEVO-UHD12U4K) output resolution and a high dynamic image quality of 60fps. The superior optical zoom lenses with professional noise reduction and wide dynamic range technology deliver clear images even in low light, backlight or the extreme contrast of brightness and darkness in a room. The cameras utilize highly efficient motor controller to achieve high-speed, quiet and precise positioning movements. TEVO-UHDPRO Series support USB3.0, HDMI interfaces allowing two simultaneous image outputs with the best possible image quality and are compatible with all video equipment. This series of ptz cameras are applicable for lecture capture, videoconferencing, broadcasting systems, etc.

Various Optical Zoom Lens, 3x/10x/12x/20x Optical Zoom

With 3x/10x/12x/20x Optical Zoom for option, TEVO-UHDPRO Series provides unrivaled flexibility to adapt to any application scenarios by providing close-up shots with excellent detail.



Accurate, Smooth and Silent PTZ Movement

Built-in two-way high speed and silent pan/tilt, the lens of TEVO-UHDPRO Series can rotate 350 Degree horizontally (± 175 Degree) and 180 Degree vertically (± 90 Degree) to capture every person in the room with multi-angle.



Tilt: -90° - $+90^{\circ}$

Pan: -175° - $+175^{\circ}$

Superb High-Definition Image

TEVO-UHDPRO Series features a 1/2.8" SONY CMOS image sensor capable of delivering Full HD 1080P60 (1920x1080) ultra-high-resolution high-quality images and 4K UHD video capture at 30p (for TEVO-UHD12U4K only), making this series of PTZ cameras a strong contender for professional production. These cameras support H.264&H.265&MJPG&YUY2 video compression and are equipped with high SNR, which makes motion video more fluent and clear under low bandwidth conditions.



Flexible USB3.0 + HDMI Options

TEVO-UHDPRO Series features USB3.0 for connecting directly to Zoom, Teams, Webex and any app that supports a USB UVC input. The additional HDMI opens a wide range of options with HDMI workflows for transmitting uncompressed digital video signal almost without any delay.



Up to 255 Preset Positions

TEVO-UHDPRO Series features smooth, quiet and precise positioning with up to 255 preset positions (10 preset positions by IR remote controller) that can save pan, tilt, and zoom settings. Positioning at the touch of a button can be performed at a range of speeds from very slow to very fast while retaining pin-point accuracy.



USB3.0

Users can control TEVO-UHDPRO Series ptz cameras using video production software such as OBS, Livestream Studio, Wirecast, vMix, mimoLive or Tricaster – or check out one of our hardware joystick controllers such as KZ2 joystick or KZ3 joystick to control the cameras via the RS-232/RS485 interfaces. The options for camera control are endless, allowing you to take charge of your camera in a way that fits your workflow. This series of ptz cameras also supports RS-232 cascade function which is convenient for installing. One cable is included in the box.

Superior Compatibility



Model No.	UHD3U	UHD10U	UHD12U	UHD20U	UHD12U-4K
Sensor	1/2.8"SONY CMOS				1/2.8"SONY CMOS
Effective Pixels	2.38 mega pixel				8.29mega pixel
Video Signals	1080p@60/50/30/25fps, 720p@60/50/30/25fps				4K@25/30,1080p@60/50/30/25fps, 720p@60/50/30/25fps
Zoom	3x optical zoom	10x optical zoom	12x optical zoom	20x optical zoom	12x optical zoom
Lens	f=2.38-7mm	f=5.76-46.09mm	f=3.42-40.02mm	f=5.9-94.4mm	f=3.42-40.02mm
Aperture	F1.96-3.64	F1.8-2.6	F1.88-3.77	F1.8-3.9	F1.88-3.77
Horizontal Angle	103.69°(W)-42.12°(T)	54.7°(W)-6.8°(T)	80.56(W)-7.89°(T)	52.1°(W)-3.4°(T)	80.56(W)-7.89°(T)
Vertical Angle	67.14°(W)-24.87°(T)	30.8°(W)-3.8°(T)	49.61°(W)-4.46°(T)	29.3°(W)-1.9°(T)	49.61°(W)-4.46°(T)
Diagonal Angle	113.91°(W)-47.55°(T)	62.8°(W)-7.8°(T)	89.51°(W)-9.04°(T)	59.8°(W)-3.9°(T)	89.51°(W)-9.04°(T)
Video Resolution	1080P (1920 *1080) etc				4K(3840*2160) etc
Video Output	USB3.0, HDMI				
LAN	/				
Network Protocol	/				
Video Encoding Format	H.264, H.265, MJPG, YUY2				
Signal Standard	NTSC/PAL				
Preset Position	User can set up to 255 presets (10 presets by IR remote)				
Control Interface	RS-232 (input only), RS-485, USB				
Shutter	1/30s-1/10000s, auto				
Baud Rate	2400/4800/9600/38400bps				
Control Protocol	VISCA, PELCO-D, PELCO-P(RS-232, RS-485)				
USB Protocol	UVC1.1				
Minimal Illumination	0.1Lux				
SNR	≥50dB				
Horizontal Rotation	350° (±175°) 0.1°/s ~ 100°/s				
Vertical Rotation	180° (±90°)0.1°/s ~ 80°/s				
Power Supply	DC 12V/2A				
Power Consumption	12W				
Work Temperature	0°~+50°				
Work Humidity	0~95% RH				
Product Size	212*152*170mm/285*217*197mm(before / after packing)				
Product Weight	1.2kg/2.3kg (net / gross weight)				

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