

4K 30× Optical Zoom PTZ Camera PTZ4K30

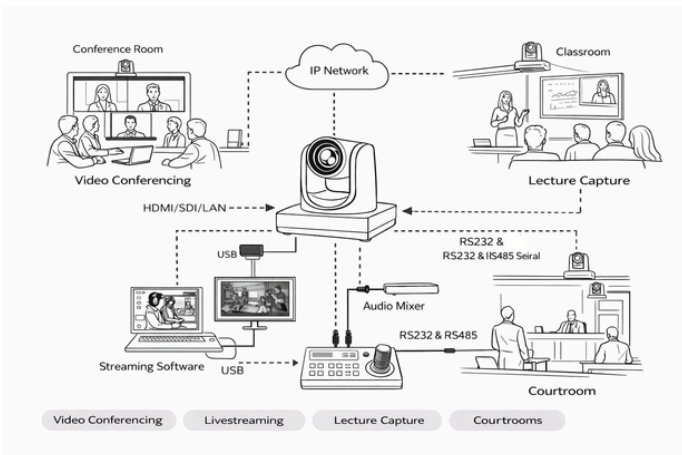


FEATURES

The UV510K 4K PTZ Camera delivers ultra-high-definition video performance with powerful optical zoom and intelligent AI tracking. Designed for professional AV environments, it offers flexible multi-interface connectivity, advanced compression technology, and smooth, ultra-quiet PTZ control for conferencing, education, broadcasting, and live streaming applications.

- True 4K UHD resolution up to 3840×2160@60fps
- Available in 12X / 20X / 30X optical zoom options
- AI face and human auto-tracking with intelligent framing
- Simultaneous HDMI, SDI, USB3.0 and LAN output
- Supports H.265 / H.264 dual-stream encoding
- 1000M LAN with optional PoE+ support
- Low-noise CMOS sensor with 2D & 3D noise reduction
- Ultra-quiet precision PTZ motor system
- Supports RTSP, RTMP, ONVIF, SRT protocols
- VISCA / Pelco control via RS232, RS485 and IP
- UVC & UAC plug-and-play USB conferencing
- Built-in OLED display for resolution & IP status
- Low-power sleep mode (<400mW)

APPLICATION EXAMPLE



SPECIFICATION

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Technical	
Image Sensor	- 1/2.8" CMOS, 2.07MP
Effective Pixels	- 3840 × 2160 (16:9)
Max Resolution	- 4K UHD 3840×2160@60fps
Optical Zoom/Digital Zoom	- 30X/16X
AI Tracking	- Face & Human Auto Tracking
Video	
Video Output	- HDMI / SDI / LAN / USB 3.0
Video Compression	- H.264 / H.265 / MJPG
HDMI Output	- Up to 4K@60Hz
SDI Output	- 1080P60 (Up to 100m transmission)
USB Output	- 4K / 1080P (UVC Supported)
Audio	
Audio Input	- 3.5mm Dual-channel Line-in
Audio Output	- HDMI / SDI / LAN / USB
Audio Compression	- AAC / G.711A
Network	
LAN Port	- 1000M Ethernet (PoE+ Supported)
Network Protocol	- RTSP / RTMP / ONVIF / GB/T28181 / SRT
Network Control	- VISCA over IP
Control Interface	
Control Ports	- RS232-IN / RS232-OUT / RS485
Control Protocol	- VISCA / Pelco-D / Pelco-P
PTZ Performance	
Pan Range	- -170° ~ +170°
Tilt Range	- -30° ~ +90°
Pan Speed	- 0.1°/s ~ 60°/s
Tilt Speed	- 0.1°/s ~ 30°/s
Presets	- Up to 255 (10 via remote)