



**4K AI PRO PTZ CAMERA**



**ULTRA 4K HD OUTPUT**

Apply SONY 1 / 1.8 inch UHD CMOS sensor, support up to 4K (3840x2160) resolution high quality image.

**SPEAKER AI AUTO TRACKING**

One click to enable the AI auto tracking to detect and follow the speaker automatically without complicated configuration.

**SUPPORT USB 2.0 AND WIRELESS BYOM**

Support USB video output for Windows, MAC and Linux to enable the high-quality video conference on your laptop or via Wireless BYOM (Bring Your Own Meeting) Solutions.

**61° WIDE FOV + 20X OPTICAL ZOOM**

Apply high quality 4K super telephoto lens, support 60° wide range Field of View, 20x optical zoom, and 16x digital zoom.

**HDMI, SDI, IP, USB VIDEO OUTPUT**

Support video output via HDMI, 3G-SDI, USB2.0, and LAN for the flexible deployment.

**BUILT-IN G-SENSOR AND POE POWER**

Built-in G-Sensor to detect and change the vertical flip automatically, and support POE power supply.

# Specification



Model	VX60CL
Camera	
Video System	4KP(3840x2160)@60/59.94/50/30/29.97/25fps, 1080P@60/59.94/50/30/29.97fps, 1080I@60/59.94/50fps, 720P@60/59.94/50fps
Image Sensor	1/1.8", Low Noise CMOS Image Sensor
Lens characteristics (wide to tele)	20x optical zoom, f=6.7 mm to 125 mm, F1.58 to F3.95; Horizontal Field of View: 60° to 3.5°, Vertical Field of View: 35.7° to 2.0°
Video S/N, Min Illumination	≥55dB, 0.5 Lux @ (F1.8, AGC ON)
Advanced camera processing	Autofocus, White Balance (Auto, Indoor, Outdoor, One Push, Manual) Backlight Compensation, 2D&3D Digital Noise Reduction
Pan / Tilt Angle and Speed	Pan: ±170° rotation, speed: 1.7° to 100°/sec, Tilt: -30° to +90° rotation, speed: 1.7° to 69.9°/s Auto Vertical Flip (Built-in G-Sensor)
Camera Control Protocol	VISCA/Pelco-D/Pelco-P (RS-232/RS485), VISCA over IP (RJ-45), ONVIF (RJ-45), UVC (USB)
Auto Tracking	AI Tracking
USB Feature	
Operation System	Windows® 7, Windows 8.1, Windows 10 or higher macOS™ 10.10 or higher Google™ Chromebook™ 29.0.1547.70 or higher Linux
Color System/Compression	YUY2 (Up to 1080@30fps), H.264(AVC/SVC) / MJPEG / H.265 (Up to 2160@30fps)
USB Video Protocol	UVC 1.5, PTZ Control.
IP Camera	
Video Compression	H.265 / H.264 / MJPEG
Video Bit Rate and Type	32Kbps ~ 51200Kbps, Variable and Fixed Rate
Audio Compression/Bit Rate	AAC, 96/128 Kbps
Support protocols	TCP/IP, HTTP, RTSP, RTMP, ONVIF, Multicast, NDI HX2 (Optional).
Interface	
Video Output	1xHDMI (Version 2.0), 1x3G-SDI (BNC Interface)
Audio Input/Output	1xLine In (3.5mm audio jack), 1xLine Out (3.5mm audio jack)
Network Interface	1xRJ-45 Ethernet (10M/100M/1000M);POE;
USB Interface	1xUSB 2.0 (Type A)
Communication Interface	1xRS232 In (8pin Mini DIN), 1xRS232 Output (8pin Mini DIN), 1xRS485 (2pin Phoenix Port)
Power Jack	JEITA Type (DC IN 12V)
General specification	
Input Voltage	DC 12V / POE(802.3at)
Power Consumption	18W (max)
Temperature Range	Operating: -10°C ~ 40°C , Storage: -40°C ~ 60°C
Dimension (WxDxH)	142mm x 169mm x175mm
Weight	1.5Kg
Inside the box	
Package	Camera, Power Adaptor, Remote Control, Mount Kit, Quick Start Guide, Warranty Card