

1080P Full HD Serial

HD Video Conference Camera

UAI4V60SSL /UAI4V61SSL / UAI4V63SSL



1080P



AI Smart Tracking



ISP



Remote Control



Multiple Interface

Designed specifically for mid-to-large-sized enterprises' remote business meeting scenarios, this system features a high-quality HD CMOS sensor with the capability to achieve a 60fps image rate at 1080P resolution. Paired with a wide-angle lens and an extended zoom lens, even under extensive mechanical panning, the camera captures a broader and clearer field of view, catering to professional-grade needs such as corporate meetings, executive conferences, and educational recordings, ensuring a premium meeting experience.



V60SSL

V61SSL

V63SSL

Features

▼ 1080P Full HD

Apply Sony's 1/2.8 inch, 2.07 million effective pixels high quality HD CMOS sensor, can reach maximum 1920 x 1080 high resolution and achieve quality image.

▼ Wide Angle+Lens

V60SSL: Use high quality super telephoto lens, support 20x optical zoom, and 16x digital zoom (optional).

V61SSL:

Use high quality super telephoto lens, support 12x optical zoom, and 16x digital zoom (optional).

V63SSL:

Use high quality super telephoto lens, support 30x optical zoom, and 16x digital zoom (optional).

▼ AI Smart Tracking

With the AI computing power of the chip, the camera is equipped with advanced AI algorithms to realize monocular humanoid tracking, which can realize automatic tracking of scenes such as education, conferences and live broadcasts.

▼ Low-light

High SNR of CMOS sensor combined with 2D and 3D noise reduction algorithm, effectively reduce the noise, even under low illumination conditions, picture can still keep clean and clear.

▼ AAC Audio Encoding

Support AAC audio encoding, better sound quality and smaller bandwidth.

▼ Remote Control

Support multiple ways of control, like RS232, RS485(Optional), Network and USB.

▼ Abundant & Perfect Interface

Support HDMI output, 3G-SDI interface. HDMI, SDI, Network can output at the same time.

▼ Local Storage

Support local storage module, directly recording to local USB flash disk without NVR.

Product Specification

▼ Difference	V60SSL	V61SSL	V63SSL
Optical Zoom	20x	12x	30x
Lens	f4.42mm ~ 88.5mm, F1.8 ~ F2.8	f4.1mm ~ 49.2mm, F1.8 ~ F2.68	f4.42mm ~ 132.6mm, F1.8 ~ F2.8
Horizontal Angle of View	60.7° ~ 3.36°	72.5° ~ 6.9°	60.7° ~ 2.28°
Vertical Angle of View	34.1° ~ 1.89°	44.8° ~ 3.9°	34.1° ~ 1.89°

▼ Camera Spec

Video System	1080P60, 1080P50, 1080P30, 1080P25, 1080P20, 720P60, 720P50
Sensor	1/2.8 inches, CMOS, Effective Pixels: 2.07 Megapixels
Scanning Mode	Progressive
Digital Zoom	16x
Minimum Illumination	0.5Lux @ (F1.8, AGC ON)
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
Video S/N	≥55dB
Horizontal Angle of View	60.7° ~ 3.36°
Vertical Angle of View	34.1° ~ 1.89°
Horizontal Rotation Range	±170°
Vertical Rotation Range	-30° ~ +90°
Pan Speed Range	1.7° ~ 100°/s
Tilt Speed Range	1.7° ~ 69.9°/s
H & V Flip	Support
Image Freeze	Support
PoE Support	
Local Storage	Support
Number of Preset	255
Preset Accuracy	0.1°

▼ IPC Features

Video Compression	H.264/MJPEG
Video Stream	Main Stream, Sub Stream
Main Stream Resolution	1920x1080, 1280x720, 1024x576 etc.
Sub Stream Resolution	1280x720, 1024x576, 720x480 etc.
Video Bit Rate	32Kbps ~ 102400Kbps
Bit Rate Type	Variable Rate, Fixed Rate
Frame Rate	50Hz: 1fps ~ 50fps, 60Hz: 1fps ~ 60fps
Audio Compression	AAC, G711A
Audio Bit Rate	96Kbps, 128Kbps, 256Kbps
Support protocols	NDI® HX2, SRT, TCP/IP, HTTP, RTSP, RTMP(S), Onvif, DHCP, GB/T 28181, Multicast, etc.

▼ USB Featured

Operate System	Windows 7 (supports UVC 1.1 feature only), Windows 8, Windows 10, Windows 11, Mac OS X, and Linux versions 2.4.6 and above, Android requires a version that includes UVC-related driver programs
Color System / Compression	YUY2 / H.264 / MJPEG
Video Format	YUY2 : Max.1080P30 H.264 : Max.1080P30 MJPEG: Max.1080P30
Audio on USB	Support
USB Video Communication Protocol	UVC 1.1~1.5
UVC PTZ	Support

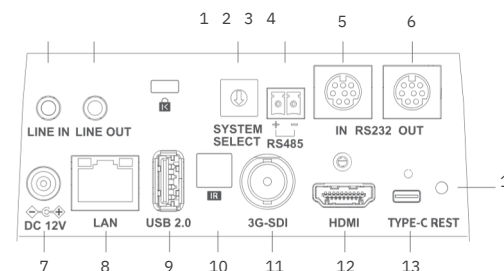
▼ I/O

HD Output	1xHDMI 1x3G-SDI: BNC type, 800mVp-p, 75Ω, Along to SMPTE 424M standard
Network	1xRJ45: 10M/100M Ethernet Interface
Interface Audio	1-ch: 3.5mm Audio Interface, Line In 1-ch: 3.5mm Audio Interface, Line Out
Interface	1xUSB3.0: Type C female jack 1xUSB2.0: Type A female jack
USB	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
Communication Interface	
Power Jack	JEITA type (DC IN 12V)

▼ Generic Spec

Input Voltage	DC 12V, PoE (802.3af)
Current Consumption	1.0 A (Max.)
Operating Temperature	0°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Power Consumption	12W (Max.)
Size	169mm (W) x 142mm (D) x 164mm (H) Net Weight 1.35Kg

Interface Diagram



- | | |
|-------------------|------------|
| 1 — LINE IN | 8 — LAN |
| 2 — LINE OUT | 9 — USB2.0 |
| 3 — SYSTEM SELECT | 1 — IR |
| 4 — RS485 | 0 — 3G-SDI |
| 5 — RS232 IN | 1 — HDMI |
| 6 — RS232 OUT | 1 — USB3.0 |
| 7 — DC 12V | 1 — REST |
| | 2 |
| | 1 |
| | 3 |
| | 1 |
| | 4 |