4K Video Conferencing PTZ Camera   UAI4VX60ULX / UAI4VX61ULX

4K 60FPS | Multiple Interfaces | Full Function USB Interface | Remote Control | AI Smart Tracking

4K60fps USB PTZ Camera, multiple interfaces, support USB3.0, plug and play, budget friendly solution for medium-size and large conference room.

VX60ULX

VX61ULX

Features

4K60FPS
VX60ULX:
Use a high -quality 1/1.8 inches UHD CMOS sensor with 8.29 million pixels.
VX61ULX:
Use a high -quality 1/2.5 inches UHD CMOS sensor with 8.51 million pixels.
Support max 4K60fps image output and multiple lower resolutions like 1080p/720p.

Optical Zoom + Wide -angle Lens
VX60ULX:
4K optical lens, support max 20× optical zoom and 60 ° horizontal field of view, support 16 times digital zoom.
VX61ULX:
4K optical lens, support max 12× optical zoom and 71 ° horizontal field of view, support 16 times digital zoom.

AI humanoid tracking and gesture control
Built-in image recognition and tracking algorithms, utilizing ReID technology, can achieve human shape tracking and automatic selection of up to 3 people.

Low Illumination
The new generation high performance CMOS image sensor can significantly reduce the image noise in low illumination. With the 2D and 3D noise reduction algorithms, even in an ultra-low illumination environment,camera can still deliver a sharp and clean image with more than 55dB S/N ratio.

Remote Control
Support RS232 remote control.

Full Function USB Interface
Full -function USB3.0 interface, supports UVC 1.1 and UAC1.0 protocols, supports video original images and encoding image output.

Leading Autofocus Technology
Adopting advanced focusing algorithms, the lens can focus quickly, accurately, and stably.

Good Compatibility
Support mainstream video conferencing software on the market.

Product Specification

▼ Difference	VX60ULX	VX61ULX
Sensor	1/1.8 inches, CMOS, Effective Pixels:8.29 Megapixels	1/2.5 inches, CMOS, Effective Pixels:8.51 Megapixels
Lens	20x, f6.7mm ~ 125mm, F1.58 ~ F3.95	12×, f=4.4mm~52.8mm, F1.8~F2.6
Horizontal FOV	60°-3.5°	71° ~ 8.2°
Vertical FOV	35.7° ~ 2.0°	42.7° ~ 4.5

▼ Camera Spec

Signal System	4KP60/50/30/25, 1080P60/50/30/25, 720p/50/30/25.
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,
Backlight Compensation	VAR Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
SNR	≥55dB
Pan Angle	±170°
Tilt Angle	-30° ~ +90°
Pan Speed	1.7° ~ 100°/s
Tilt Speed	1.7° ~ 69.9°/s
Image Flip	Support
Image Freeze	Support
Preset Position	255
Preset Accuracy	0.1°

▼ I/O

USB Interfaces	1 × USB 3.0 Device, Type-C
HD Output	1 × HDMI 1.3a
Network Interface	1 × RJ45: 10M/100Madaptive Ethernet
Audio Interface	1 × Line In, 3.5mm Jack
Control Interface	1 × RS232 IN: 8pin Mini DIN, Max Distance: 30m, Protocol: VISCA / Pelco-D / Pelco-P 1 × RS485: Max Distance: 150m, Protocol: VISCA/ Pelco-D/Pelco-P
Power Interface	JEITA type（DC IN 12V）

▼ Network Spec

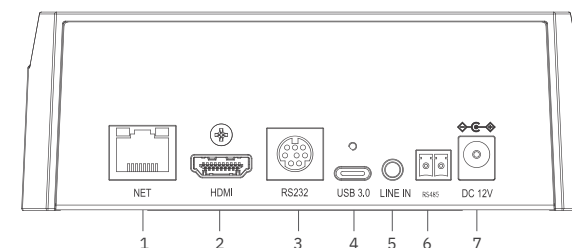|	
Video Compression	H.265 / MJPEG
Video Stream	First Stream, Second Stream
First Stream Resolution	3840×2160, 1920×1080, 1280×720, 1024×576 etc.
Second Stream Resolution	1280×720, 1024×576. 960×540, 640×480 etc.
Video Bit Rate	32Kbps ~ 102400Kbps
Bit Rate Control	VBR, CBR
Frame Rate	50Hz:1fps~50fps, 60Hz:1fp~60fps
Audio Compression	AAC
Audio Bit Rate	96Kbps, 128Kbps, 256Kbps
Protocols	TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast, etc.

▼ USB Spec

Operating System Supported	Windows 7，Windows 8，Windows 10，Mac OS X，Linux，Android
Color System / Compression	YUY2 / H.264 / MJPEG
Video Format	YUY2: Max.1080P@60fps H.264: Max.2160P@60fps MJPEG: Max.2160P@60fps
USB Audio	Support（optional）
USB Video Communication Protocol	UVC 1.1
UVC PTZ Control	Support

▼ Generic Spec

Input VoltageDC 12V	
Input Current12V 1.5A(Max.)	
Operating Temperature0°C ~ 40°C	
Storage Temperature-40°C ~ 60°C	
Power Consumption12W（Max.)	
Dimension169mm (W) x 142mm (D) x 175mm (H)	
Net Weight1.5kg	

Interface Diagram

1 —— NET		4 —— USB3.0	
2 —— HDMI		5 —— LINE	
3 —— RS232		6 —— IN	
		7 —— RS485	
		DC 12V	

NET HDMI RS232 USB 3.0 LINE IN RS485 DC 12V

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