

USB PTZ Cameras

Full HD Video Conferencing PTZ Camera

UAI4V71UVS / UAI4V70UVB



1080P USB PTZ Camera, multiple interfaces, support USB3.0, PoE, plug and play, budget friendly solution for medium-size and large conference room.



V71UVS



V70UVB

Features

▼ 1080P

Use a high-quality 1/2.8 inches FHD CMOS sensor with 2.07 million pixels. Support max 1080P60fps image output and multiple lower resolutions like 720p.

▼ Wide-angle Lens + Optical Zoom

V71UVS:
1080P optical lens, support max 12x optical zoom and 72.5 ° horizontal field of view, support 16 times digital zoom.
V70UVB:
1080P optical lens, support max 20x optical zoom and 60 ° horizontal field of view, support 16 times digital zoom.

▼ Remote Control

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

▼ Multiple Power Supply Methods

V71UVS:
At the same time, it supports USB 5V power supply, 12V power adapter, and POE power supply.
V70UVB:
At the same time, it supports USB 5V power supply and 12V power adapter.

▼ PoE

The cable network supports POE power supply, control, power supply, video, audio only requires one network cable.

▼ H.264

V71UVS:
The output H.264 stream supports Slice and SVC encoding mode to adapt to high-end USB conference video applications.
V70UVB:
The output H.264 stream supports SLICE encoding mode to adapt to high-end USB conference video applications.

▼ Dual-streaming

Support dual-streaming simultaneously (YUY2, MJPEG and H.264).

▼ 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.

▼ Multiple Interfaces

Support HDMI, USB 3.0 and network audio and video output.

Remark:

1.This function is optional.

Product Specification

▼ Difference	V71UVS	V70UVB
Lens	12x, f3.5mm~42.3mm, F1.8~F2.820x, f4.7mm~94mm, F1.6~F3.6	
Horizontal FOV	72.5° ~ 6.9°61.1° ~ 3.5°	
Vertical FOV	44.8° ~ 3.9°35.8° ~ 2.0°	
Video Format	YUY2: Max. 1080P60; H.264 AVC: Max. 1080P60; MJPEG: Max. 1080P60; Only V71UVS Support H.264 SVC (Optional) : Max. 1080P60	
Frame Rate	50Hz: 1fps ~ 50fps, 60Hz: 1fps ~ 60fps50Hz: 1fps ~ 25fps, 60Hz: 1fps ~ 30fps	
Power	JEITA (DC IN 12V) /USB Type-C (DC IN 5V) /PoEJEITA (DC IN 12V) /USB (DC IN 5V) /PoE	
Interface	144mm (W) x 144mm (D) x 166.89mm (H)144mm (W) x 144mm (D) x 167.9mm (H)	
Dimension	1.41kg 1.3kg	
Net Weight		

▼ Camera Spec

Signal System	1080P60, 1080P50, 1080P30, 1080P25, 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
SNR	≥55dB
Pan Angle	±170°
Tilt Angle	-30° ~ +90°
Pan Speed	2.7° ~ 35.7°/s
Tilt Speed	2.7° ~ 31.5°/s
Image Flip	Support
Image Freeze	Support
Preset Position	255
Preset Accuracy	0.1°

▼ I/O

USB Interface	1 x USB 3.0, Type-C
HD Output	1 x HDMI1.4b1
Network Interface	1 x RJ45: 10M / 100M adaptive Ethernet
Audio Interface	1 x Line In, 3.5mm Jack
Control Interface	1 x RS232 In: 8pin Min DIN, Max. Distance: 30m, Protocol: VISCA / Pelco-D / Pelco-P 1 x RS485 In(Optional): 2pin phoenix port, Max. Distance: 1200m, Protocol: VISCA / Pelco-D / Pelco-P

▼ Network Spec

Video Compression	H.264 / MJPEG
Video Stream	First Stream, Second Stream
First Stream Resolution	1920x1080,1280x720,1024x576 etc.
Second Stream Resolution	1280x720,1024x576,720x480 etc.
Video Bit Rate for	First Stream32Kbps ~ 102400Kbps
Bit Rate Control	VBR, CBR
Audio Compression	AAC
Audio Bit Rate	96Kbps, 128Kbps, 256Kbps
Protocols	TCP/IP,HTTP,RTSP,RTMP/RTMPS, Onvif, DHCP,SRT,GB/T 28181, Multicast, etc.

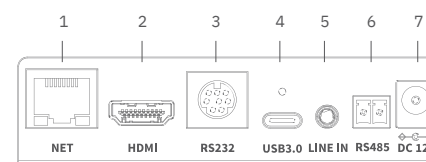
▼ USB Spec

Operating System Supported	Windows 7 (only supports UVC1.1 features), Windows 8 and above version, MacOS 10.5 and above version, Linux 2.4.6 and above version, Android needs to include the version of UVC- related drivers
Color System / Compression	YUY2 / H.264 / MJPEG
UVC Audio	Support
USB Video Communication Protocol	UVC 1.1~1.5
UVC PTZ Control	Support

▼ Generic Spec

Input Voltage	DC 12V/DC 5V/PoE(802.3af)
Input Current	12V 1.0A(Max.)/5V 1.5A
Operating Temperature	-10°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Power Consumption	12W

Interface Diagram



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