

Full HD Video Conferencing PTZ Camera UAI4V71CS / UAI4V71US



1080P USB PTZ Camera, quipped with ~12X, 72.5°HFoV lens, built-in microphones, support USB3.0 and H.264 Slice and SVC encoding, plug and play, provide high quality A/V experiences and seamless communication for end users.



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.
- 72.5°Wide-angle Lens + 12×Optical Zoom**
 1080P optical lens, support max 12× optical zoom and 72.5 ° horizontal field of view, support 16 times digital zoom.
- Microphone1**
 The built -in microphone, the pick -up distance is 6 meters long, high sensitivity, low -bottomed noise.
- Remote Control**
 Support multiple ways of control, like RS232, RS485(Optional), Network and USB.

- Full Function USB Interface**
 V71CS: Fully functional USB2.0.
 V71US: Fully functional USB 3.0.
 Fully functional USB interface, supporting audio, encoding output, supporting UVC v1.1 protocol, and supporting almost all video conferencing software on the market.

- Ultra -high Frame Rate**
 The output frame frequency of 1080P can reach 60fps.
- H.264 Slice/ H.264 SVC Coding Support**
 The output H.264 stream supports SLICE and SVC encoding mode to adapt to high -end USB conference video applications.
- 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**
 Supports USB, HDMI, streaming simultaneously.

Remark:
1.This function is optional.

▼ Difference	V71CS	V71US
USB Interface	USB 2.0	USB 3.0

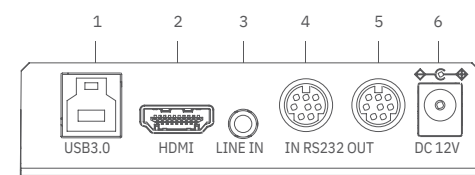
▼ Camera Spec	
Signal System	1080P60, 1080P50, 1080P30, 1080P25, 720P60, 720P50
Sensor	1/2.8 inches, CMOS, Effective Pixels:2.07 Megapixe
Scanning Mode	Progressive
Digital Zoom	16x
Lens	12x, f3.5mm ~ 42.3mm, F1.8 ~ F2.8
Minimum Illumination	0.5Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual, VAR
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
SNR	≥55dB
Horizontal FOV	72.5° ~ 6.9°
Vertical FOV	44.8° ~ 3.9°
Pan Angle	±170°
Tilt Angle	±30°
Pan Speed	1.61° ~ 75.56°/s
Tilt Speed	0.44° ~ 15°/s
Image Flip	Support
Image Freeze	Support
Preset Position	255
Preset Accuracy	0.1°
Microphone	Optional
Pick -up Distance	6m

▼ 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. 1080P60; H.264 AVC: Max. 1080P60; MJPEG: Max. 1080P60
USB Audio	Support
USB Video Communication Protocol	UVC 1.1
UVC PTZ Control	Support

▼ I/O	
HD Output	1 x HDMI1.4b
Audio Interface	1 x Line In, 3.5mm Jack
Control Interface	1 x RS232 IN: 8pin Mini DIN, Max Distance: 30m, Protocol: VISCA / Pelco-D / Pelco-P 1 x RS232 OUT: 8pin Mini DIN, Max Distance: 30m, Protocol: VISCA only
Power Interface	JEITA type (DC IN 12V)

▼ Generic Spec	
Input Voltage	DC 12V
Input Current	12V 1A
Operating Temperature	-10°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Power Consumption	12W
No Failure Time	>30000 hours
Dimension	99mm (W) x 128mm (D) x 154mm (H)
Net Weight	0.9kg

Interface Diagram



- 1 — V71CS: USB2.0
V71US: USB3.0
- 2 — HDMI
- 3 — LINE IN
- 4 — RS232 IN
- 5 — RS232 OUT
- 6 — DC 12V