

Live Streaming Cameras

Full HD Live Streaming PTZ Camera

UAI4V71UVS-I

1080P USB PTZ Camera, designed for live streaming, support portrait, landscape mode and real time beauty-filter. Smart auto focus and light management technology, plug and play, provide high quality video experiences for end users.



1080P



ToF



Vertical Screen 12x Optical Output Zoom



Video Beauty



Features

▼ 1080P

Use a high-quality 1/2.8 inches FHD CMOS sensor with 2.07 million pixels. Support max 1080P30fps image output and multiple lower resolutions like 720p.

▼ 72.5°Wide-angle Lens + 12xOptical Zoom

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

▼ Remote Control

By using RS232, the camera can be controlled.

▼ Multiple Power Supply Methods

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

▼ PoE

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

▼ 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.

▼ H.264

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

▼ Dual-streaming

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

▼ Vertical Screen Output

Support vertical screen output mode.

▼ Multiple Interfaces

Support HDMI (optional), USB3.0 streaming simultaneously.

Remark:

1.This function is optional.

Product Specification

▼ Camera Spec

Signal System	1080P60, 1080P50, 1080P30, 1080P25, 720P60, 720P30
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
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°
Built-in microphone	Support
Microphone pickup distance	6m

▼ I/O

USB Interface	1 × USB 3.0, Type-B
HDMI Interface	1 × HDMI 1.4b
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 × RS232 OUT: 8pin Mini DIN, Max Distance: 30m, Protocol: VISCA only
Power Interface	JEITA Type (DC IN 12V)

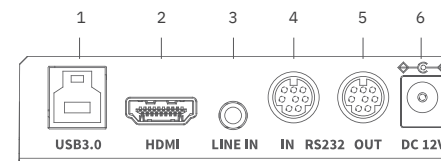
▼ USB Spec

Operating System Supported	Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android
Color System / Compression	YUY2 / MJPEG
USB Audio	Support
USB Video Communication Protocol	UVC 1.1
UVC PTZ Control	Support

▼ 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
V71US-I Dimension	118mm (W) × 129.2mm (D) × 157.3mm (H)
V73US-I Dimension	136.2mm (W) × 136.2mm (D) × 158.2mm (H)
V71US-I Net Weight	0.9kg
V71US-I Net Weight	1kg

Interface Diagram



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