

Live Streaming Cameras

Full HD Live Streaming PTZ Camera

UAI4V71US-I / UAI4V73US-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.



V71US-I



V73US-I

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 + 12×Optical Zoom

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

▼ Remote Control

By using RS232, the camera can be controlled.

▼ Full Function USB Interface

Full -function USB interface, compatible with USB3.0, USB2.0, supports UVC 1.1 protocols, supports video original images and encoding image output.

▼ ToF

The TOF module assists in focusing, allowing the lens to focus quickly, accurately, and stably.

▼ 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.

▼ Microphone1

The built -in microphone, the pick -up distance is 6 meters long, high sensitivity, low -bottomed noise.

▼ Vertical Screen Output

Support vertical screen output mode.

▼ Multiple Interfaces

Support HDMI, 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 | 16× |
| 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) |

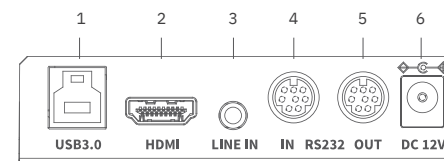
▼ USB Spec

| | |
|----------------------------------|--|
| 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