V71UVS

1080P Video Conferencing PTZ Camera

UVC / 1080P / 12x Optical Zoom

▲ Product Features

● **1080P Full-HD**
The 1/2.8-inch quality HD CMOS sensor with effective 2.07 megapixels offers HD quality images up to 1920x1080 pixels.

● **High Frame Rate**
1080P output frame rate up to 60fps.

● **Full Function USB Interface**
Full function USB interface, compatible with USB 3.0 and USB 2.0, support audio and encoding output, and support the UVC V1.1 ~ 1.5 protocol.

● **Low Illumination**
The application of 2D and 3D noise reduction algorithm greatly reduces image noise. Even under the condition of ultra-low illumination, it still keep the picture clean and clear, and the SNR of image is as high as 55dB.

● **PoE Support**
The wired network supports PoE power supply, the control, power supply, video and audio can be completed with a network cable.

● **72.5° Wide-angle Lens+16x Digital Zoom**
72.5° ultra-wide-angle lens with 12x optical zoom and 16x digital zoom.

● **Remote Control**
The camera can be controlled remotely through the RS232,RS485, network and USB port.

● **Multiple & Complete Interfaces**
Support 1080P video output via HDMI [1], USB 3.0 and network interface simultaneously.

● **H.264 Slice / H.264 SVC**
The H.264 stream supports Slice and SVC encoding modes, and suitable for high-end USB conference video applications.

● **Dual Stream** [1]
Simultaneously support two stream output (YUY2, MJPEG, H.264 each of both) to reduce the host codec pressure.

● **Three Power supply Modes**
Simultaneously support USB 5V, 12V power adaptor and PoE power supply.

Remark:
1. This function is optional.

▲ Product Specifications

▮ Camera

Signal System	1080p/60, 1080p/50, 1080p/30, 1080p/25, 720p/60, 720p/50
Sensor	1/2.8 inches, CMOS, Effective Pixels: 2.07 Megapixels
Scanning Mode	Progressive
Focal length	12x, f=3.5mm ~ 42.3mm, F1.8 ~ F2.8
Digital Zoom	16x
Minimum Illumination	0.5 Lux @ (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° ~ +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°

▮ Interfaces

USB Interface	1 x USB 3.0, Type-C
HDMI Output	1 x HDMI 1.4b [1]
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: 2pin phoenix port, Max. Distance: 1200m, Protocol: VISCA / Pelco-D / Pelco-P
Power Interface	JEITA (DC IN 12V) / USB Type-C (USB IN 5V) / PoE

▮ Network Features

Video Compression	H.264 / MJPEG
Video Stream	First Stream, Second Stream
First Stream Resolution	1920x1080, 1280x720, 1024x576 etc.
Second Stream Resolution	1280x720,1024x576,720x576(50Hz Supported), 720x480(60Hz Supported) etc.
Video Bit Rate for First Stream	32Kbps ~ 20480Kbps
Video Bit Rate for Second Stream	32Kbps ~ 6144Kbps
Bit Rate Control	VBR, CBR
Frame Rate	50Hz: 1fps ~ 50fps, 60Hz: 1fps ~ 60fps
Audio Compression	AAC
Audio Bit Rate	96Kbps, 128Kbps, 256Kbps
Protocols	TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast, etc.

▮ USB Features

Operating System Supported	Windows 7, Windows 8, Windows 10, Windows 11, Mac OS X, Linux, Android
Color System / Compression	YUY2 / MJPEG / H.264
Video Format	YUY2(ISOC Mode):Max.1080p/60; H.264 AVC:Max.1080p/60; H.264 SVC (optional):Max.1080p/60 MJPEG: Max.1080p/60
UVC Audio	Support
USB Video Communication Protocol	UVC 1.1~1.5
UVC PTZ Control	Support

▮ General Specifications

Input Voltage	DC 12V / USB 5V
Input Current	12V 1.0A(Max.)/5V 1.5A(Max.)
Operating Temperature	-10° C ~ 40° C
Storage Temperature	-40° C ~ 60°C
Power Consumption	12W (Max.)
Dimension	144mm x 144mm x 166.9mm
Net Weight	1.41Kg