

CAM70 4K Video Conferencing PTZ Camera

4K USB PTZ Camera, multiple interfaces, support USB3.0, PoE, plug and play, budget friendly solution for medium-size and large conference room.



UVBVX70

Features

4K UHD

Use a high -quality 1/1.8 inches UHD CMOS sensor with 8.42 million pixels. Support max 4K30fps image output and multiple lower resolutions like 1080p/720p.

Optical Zoom + Wide -angle Lens

4K optical lens, support max 20× optical zoom and 60° horizontal eld of view, Support the night vision mode, infrared lter can be switched automatically.

Remote Control

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

Multiple Interfaces

Support USB3.0, and network interfaces to output 4K videos at the same time.

PoE

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

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).

Low Illumination

The new generation high performance CMOS image sensor can signi cantly 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.

Product Specification

▼ Difference	UVBVX71
Sensor	1/2.5 inches, CMOS, Effective Pixels:8.51 Megapixels
Lens	12x, f4.4mm~52.8mm, F1.8~F2.6
Horizontal FOV	80.8° ~ 7.5°
Vertical FOV	49.9° ~ 4.3°
Video Format	YUY2: Max. 1080P30; MJPEG: Max. 2160P30; H.264 AVC: Max. 2160P30; Only VX71UVS Support H.264 SVC: Max. 2160P30
Dimension	144mm (W) x 144mm (D) x 167.9mm (H)



▼ Camera Spec

Signal System	4KP30, 4KP25, 1080P30, 1080P25
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 2D&3D Digital Noise
Digital Noise Reduction	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
Preset Position	255
Preset Accuracy	0.1°

▼ Network Spec

Video Compression	H.264 / MJPEG
Video Stream	First Stream, Second Stream
First Stream Resolution	3840x2160,1920x1080,1280x720 etc.
Second Stream Resolution	1920x1080,1280x720,1024x576 etc.
Video Bit Rate	32kbps~20480kbps
Bit Rate Control	VBR, CBR
Frame Rate	50Hz: 1fps ~ 25fps, 60Hz: 1fps ~ 30fps
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 / MJPEG / H.264
USB Video	Support
USB Video Communication Protocol	UVC 1.1~1.5
UVC PTZ Control	Support

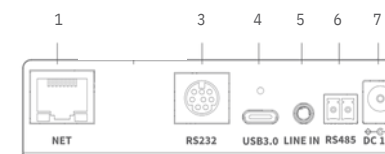
▼ Generic Spec

Input Voltage	DC 12V / PoE
Current Operating	(802.3af 12V 1.0A)
Temperature Storage	(Max.) -10°C ~ 40°C
Temperature Power	-40°C ~ 60°C 12W
Consumption Net	(Max.) 1.41kg
Weight	

▼ I/O

USB Interfaces H	1 x USB 3.0: Type-C 1
Network Interface	RJ45: 10M / 100M /1000M adaptive Ethernet; 1 x
Audio Interface	LINE In: 3.5mm Jack 1 x RS485 IN(Optional): 2pin phoenix port
Control Interface	Protocol: VISCA / Pelco-D / Pelco-P 1 x RS232 IN: 8pin Mini DIN, Max Distance: 30m, Protocol: VISCA / Pelco-D / Pelco-P
Power Interface	JEITA type (DC IN 12V)

Interface Diagram



1 — NET
2 — RS232
3 — RS232
4 — USB3.0

5 — LINE IN
6 — RS485
7 — DC 12V