

FEATUES

● 4K UHD

C51-UVS: Adopts 1/2.5-inch high-quality UHD CMOS sensor with a maximum pixel of 8.51 million. C51-UVB: Adopts 1/2.8-inch high-quality UHD CMOS sensor with a maximum pixel of 8.42 million. Capable of providing excellent 4K (3840x2160) resolution images. Also compatible with various resolutions, including 1080P and 720P. High-quality optical zoom + wide-angle lens, C51-UVS: Adopts an exclusive customized 8 million ultra-high resolution lens with 71° HFoV and 12x optical zoom. C51-UVB: Equipped with 4K ultra-long zoom lens, 20x optical zoom, 16x digital zoom, and 60° field of view. Supports night vision mode, and the infrared filter can be automatically switched.

● Remote Control

Provides multiple control methods, using RS232 (RS485 optional) serial port, network, and USB to manage camera settings. , PoE, provides power, control, and audio and video signal transmission for the camera through a PoE Ethernet cable.

● Support H.264 encoding

Supports H.264 bitstreams in Slice and SVC encoding modes to meet high-end USB conference video applications. Dual streams, supports two bitstream outputs at the same time (any two modes of YUY2, MJPEG, and H.264), reducing the decoding pressure of the host system.

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SPECIFICATION

Model	C51-UVS	C51-UVB
Sensor	1/2.5 inches, CMOS, Effective Pixels:8.51 Megapixels	1/2.8 inches, CMOS, Effective Pixels:8.42 Megapixels
Lens	12x, f4.4mm~52.8mm, F1.8~F2.6	20x, f3.47mm ~41.65mm, F1.84~F3.72
Horizontal FOV	71° ~ 8.2°	60° ~ 3.5°
Vertical FOV	42.7° ~ 4.5°	35.7° ~ 2.0°
Video Format	YUY2: Max. 1080P30; MJPEG: Max. 2160P30; H.264 AVC: Max. 2160P30; Only C51-UVS Support H.264 SVC: Max. 2160P30	YUY2: Max. 1080P30; MJPEG: Max. 2160P30; H.264 AVC: Max. 2160P30;
Dimension	144mm (W) x 144mm (D) x 173.4mm (H)	144mm (W) x 144mm (D) x 168.3mm (H)

SPECIFICATION

Camera Spec

Signal System	4KP30, 4KP25, 1080P30, 1080P25
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
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°

I/O

USB Interfaces	1 x USB 3.0: Type-C
HD Output	1 x HDMI 1.4b1
Network Interface	1 x RJ45: 10M / 100M adaptive Ethernet;
Audio Interface	1 x LINE In: 3.5mm Jack
Control Interface	1 x RS485 IN(Optional): 2pin phoenix port, Max Distance: 1200m, 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)

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~20480kbp
Bit Rate Control	VBR, CBR
Frame Rate	50Hz: 1fps ~ 25fps, 60Hz: 1fps ~ 30fps
Audio Compression	AAC
Audio Bit Rate	96Kbps, 128Kbps, 256Kbps
Protocols	NDI@ HX2,TCP/IP,HTTP,RTSP,RTMP(s),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
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Color System /Compression	YUY2 / MJPEG / H.264
USB Video	Support
USB Video	UVC 1.1~1.5
Communication Protocol	
UVC PTZ Control	Support
Generic Spec	
Input Voltage	DC 12V / PoE (802.3af)
Input Current	12V 1.0A (Max.)
Operating Temperature	-10° C ~ 40° C
Storage Temperature	-40° C ~ 60° C
Power Consumption	12W (Max.)
Net Weight	1.41kg