

C31-12-4K Conference Camera

SKU: 0200131-12-4K-UHD EAN:



FEATURES

● 4K UHD

Utilizes a 4K UHD telephoto lens, supporting a maximum 12x optical zoom, and a 71° horizontal FoV. 12x Optical Zoom + 71° Wide-Angle Lens, Multiple control options, including RS232, RS485, network, and USB, for controlling the camera.

● Built-in OLED Screen

The camera has a built-in OLED display screen, providing real-time information on HDMI and SDI (SDI cannot display 4K) output resolutions, IP addresses, and more.

● Built-in Microphone

C31-12-4K 3G-SDI: Features a built-in microphone array for omnidirectional sound pickup, with a pickup distance of 6 meters. Exclusive noise suppression algorithms ensure perfect voice reproduction².

● Support HDBaseT

C31-12-4K HDBaseT: Supports the HDBaseT interface, supporting 4K video formats. The transmission uses standard CAT5e/6 network cables for uncompressed transmission, with ordinary RJ45 connectors, achieving a transmission distance of 100 meters. Additionally, it provides PoE and other control signal channels. Remote Control, Multiple control options, including RS232, RS485, network, and USB, for controlling the camera.

● Low-Light Enhancement

A brand-new CMOS image sensor with a 55dB SNR effectively reduces image noise in low-light conditions. The 3D noise reduction significantly lowers image noise, ensuring clear images in low-light situations. Multiple Interfaces, C31-12-4K HDBaseT: Supports HDBaseT, HDMI, and network interfaces, all capable of simultaneous 4K video output. C31-12-4K 3G-SDI: Supports HDMI 1.4b HD output, equipped with a 3G-SDI interface. The effective transmission distance of 3G-SDI is up to 150 meters (1080P30). HDMI, 3G-SDI, USB, and LAN can simultaneously output three HD digital signals.



SPECIFICATION

Model	C31-12-4K HDBaseT	C31-12-4K 3G-SDI
Signal System	HDbaseT: 4KP30, 4KP29.97, 4KP25, 1080P60, 1080P50, 1080I60, 1080I50, 1080P30, 1080P25 etc.	3G-SDI: 1080P60, 1080P50, 1080I60, 1080P59.94 1080I59.94, 1080I50, 1080P30, 1080P29.97 etc.
HD Output	1 x HDMI: Version 1.4b	1 x HDMI: Version 1.4b; 1 x 3G-SDI: BNC , 800mVp-p, 75Ω, as per SMPTE 424M standard
Multi -functional Interface	1 x HDbaseT: RJ45 (integrated video, audio, control and power supply)	-
USB Interface	-	1 x USB2.0: Type-B(Optional upgrade to USB3.0)

CAMERA SPEC

Signal System	HDMI: 4KP30, 4KP29.97, 4KP25, 1080P60, 1080P50,1080I60, 1080I50, 1080P30, 1080P25, 1080P29.97 etc
Sensor	1/2.5 inches, CMOS, Effective Pixels: 8.51 Megapixels
Scanning Mode	Progressive
Lens	12×, f=4.4mm~52.8mm, F1.8~F2.6
Digital Zoom	16×
Minimum Illumination	0.5Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual
Backlight Compensation	Support
Digital Noise Reduction	3D Digital Noise Reduction
SNR	≥ 55dB
Horizontal FOV	71° ~ 8.2°
Vertical FOV	42.7° ~ 4.5
Pan Angle	±170°
Tilt Angle	-30° ~ +30°
Pan Speed	1.7° ~ 76° /s
Tilt Speed	0.5° ~ 15° /s
Image Flip	Support
Image Freeze	Support
PoE	Support
Preset Position	255
Preset Accuracy	0.1°

I/O

Network Interface	1 x RJ45: 10M/100M/1000M adaptive Ethernet, Support PoE
Audio Interface	1 × Line In/Mic In, 3.5mm Jack
Control Interface	1 x RS485: 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; 1 x RS232 OUT: 8pin Mini DIN, Max Distance:30m, Protocol: VISCA only
RESTORE Button	Support
Power Interface	JEITA type (DC IN 12V)

USB SPEC (ONLY VX701RA SUPPORT)

Operating System Supported	Windows 7 (only supports UVC1.1 features), Windows 8 and above version, Mac OS X, Linux 2.4.6 and above version, Android needs to include the version of UVC-related drivers
Color System /Compression	YUY2 / H.264 / MJPEG

Video Format	YUY2: Max.1080P30 (USB3.0) 1 ; YUY2: Max.1080P5 (USB2.0) ; H.264 AVC: Max.2160P30; MJPEG: Max.2160P30
USB Audio	Support
USB Video	UVC 1.1~1.5
Communication Protocol	
UVC PTZ Control	Support
Operating System Supported	Windows 7 (only supports UVC1.1 features), Windows 8 and above version, Mac OS X, Linux 2.4.6 and above version, Android needs to include the version of UVC-related drivers

NETWORK SPEC

Video Compression	H.265 / H.264 / MJPEG
Video Stream	First Stream, Second Stream
First Stream Resolution	3840x2160, 1920x1080, 1280x720 etc.
Second Stream Resolution	720x480, 320x240 etc.
Video Bit Rate	First Stream: 32kbps~51200kbps Second Stream: 32kbps~20480kbps
Bit Rate Control	VBR, CBR
Frame Rate	50Hz: 1fps~50fps, 60Hz: 1fps~60fps
Audio Compression	AAC、G711A
Audio Bit Rate	96Kbps, 128Kbps
Protocols	NDI@ HX2,SRT,TCP/IP,HTTP,RTSP,RTMP(s),Onvif,DHCP,GB/T 28181,Multicast,etc.

GENERIC SPEC

Input Voltage	DC 12V / PoE+(802.3af)
Input Current	1.5A (Max.)
Operating Temperature	-0° C ~ 40° C
Storage Temperature	-40° C ~ 60° C
Power Consumption	12W (Max.)
Dimension	238mm (W) x 132mm (D) x 166mm (H)
Net Weight	1.35kg