

# C51UL Night Vision Camera



SKU: 0200151-UL

## FEATURES

The Edis C51UL Night Vision Camera USB POE HDMI is Full-featured USB interface Full-featured USB Type-C interface, compatible with USB3.0 and USB2.0, supports audio, supports encoding output, and supports UVC v1.1~1.5 protocols. 4K Ultra HD It adopts a new generation of SONY 1/2.5-inch high-quality UHD CMOS sensor with a maximum of 8.42 million pixels, which can achieve 4K (3840x2160) ultra-high-resolution high-quality images. And backward compatible with multiple resolutions such as 1080P and 720P. HDMI 1.4b Support HDMI1.4b specification, can directly output uncompressed 4K original video. 71°wide-angle lens+16x digital zoom Exclusively customized high-quality real 8 million ultra-high-resolution ultra-wide-angle lens, horizontal field of view up to 71 °, optical zoom up to 12 times, and support 16 times digital zoom. Low illumination The new CMOS image sensor with ultra-high performance-to-noise ratio can effectively reduce image noise in low illumination conditions, while applying 2D and 3D noise reduction algorithms to greatly reduce image noise, even in ultra-low illumination conditions, still keeping the picture clean and clear , The image signal-to-noise ratio is up to 55dB or more. PoE support The wired network supports PoE power supply, control, power supply, video and audio only need one network cable to complete. Remote control A variety of control methods, using RS232 / RS485 serial port, network and USB to control the camera. H.264 Slice/ H.264 SVC encoding support The output H.264 stream supports Slice and SVC encoding modes, which is suitable for high-end USB conference video applications. Dual stream Simultaneously supports two-channel code stream output (YUY2, MJPEG, H.264 any two channels) to reduce the pressure of host encoding and decoding. Rich and perfect interface Support HDMI, USB3.0, network interface can output 4K video at the same time. Three power supply methods At the same time, it supports USB 5V power supply, 12V power adapter power supply and PoE power supply.



## CAMERA

Camera	C51UL Night Vision Camera
signal system	1080P, 720P, 540P, 480P, 360P, 240P etc.
Sensor	1/2.8", CMOS, Effective Pixel: 2.07M
scanning method	Progressive
Lens	20x, f5.5mm ~ 110mm, F1.6 ~ F3.5
Digital zoom	16x
Minimum illumination	0.5Lux @ (F1.8, AGC ON)
shutter	1/30s ~ 1/10000s
White balance	Auto, 3000K/Indoor, 4000K, 5000K/Outdoor, 6500K_1, 6500K_2, 6500K_3, One Push, Manual

BLC	Support
Digital noise reduction	2D&3D Digital Noise Reduction
Signal-to-noise ratio	≥55dB
Horizontal field of view	51.3° ~ 2.7°
Vertical field of view	29.7° ~ 1.5°
Horizontal rotation range	±170°
Vertical rotation range	-30° ~ +90°
Pan speed range	2.7° ~ 35.7°/s
Vertical rotation speed range	2.7° ~ 31.5°/s
Flip horizontally and vertically	Support
Image freeze	Support
Number of preset positions	255
Preset position accuracy	0.1°
<b>IPC Features</b>	
Video Compression	H.265/H.264/MJPEG
Video Stream	Main Stream, Sub Stream
Main Stream Resolution	1920x1080, 1280x720, 1024x576
Sub Stream Resolution	720x576, 720x480, 320x240
Video Bit Rate	128Kbps ~ 8192Kbps
Bit Rate Type	Variable Rate, Fixed Rate
Frame Rate	50Hz: 1fps ~ 50fps, 60Hz: 1fps ~ 60fps
Audio Compression	AAC
Audio Bit Rate	96Kbps, 128Kbps, 256Kbps
Support protocols	TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast, etc.
<b>USB Features</b>	
Operate System	Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android
Color System / Compression	YUV 4:2:2 / H.264 / MJPEG
Video Format	YUY2 (BULK): max to 1080P@30fps YUY2 (ISOC): max to 1080P@30fps H.264 AVC: max to 1080P@30fps H.264 SVC: max to 1080P@30fps MJPEG: max to 1080P@30fps>
Audio on USB	Support
USB Video Communication Protocol	UVC 1.1~1.5
UVC PTZ	Support
<b>Input/Output Interface</b>	
USB interface	1xUSB3.0: Type B female jack
Network Interface	1xRJ45: 10M/100M Ethernet Interface
Audio Interface	1-ch: 3.5mm Audio Interface,
Communication Interface	1xRS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P
Power Jack	JEITA type (DC IN 12V)/USB B type (DC IN 5V)
<b>General specification</b>	
Input voltage	DC 12V/DC 5V

Current	1.0A (Max)
Operating temperature	-10 °C ~ 40 °C (14 °F ~ 104 °F)
stored temperature	-40 °C ~ 60 °C (-40 °F ~ 140 °F)
Power consumption	12W (Max)
Mean time between failures	>30000 hours
size	144mm x 144mm x 167.9mm
net weight	2KG