

# C51-UV PTZ Camera (USB Powered)



SKU:

## FEATUES

The Edis C51-UV is a Full Function USB Interface, Full function USB interface, compatibility USB3.0 and USB2.0, support audio, support compressed video output, support UVC v1.1~1.5 protocol. 1080P Full HD, Apply 1/2.8 inch, 2.07million effective pixels high quality HD CMOS sensor, can reach maximum 1920 x 1080 high resolution and achieve quality image. Ultra-high Frame Rate. The output frame rate up to 30fps in 1080P. 72.5° Wide-angle Lens + 16x Digital Zoom, Use 72.5° wide-angle high quality lens, support 12x optical zoom, and 16x digital zoom. Low-light, High SNR of CMOS sensor combined with 2D and 3D noise reduction algorithm, effectively reduce the noise, even under low illumination conditions, picture can still keep clean and clear. Remote Control, Using RS232 all the parameters of the camera can be remote controlled by the high-speed communications. H.264 Slice/ H.264 SVC Support Support Slice and SVC encoding mode, adapts to video conference of advance USB application. Dual stream Support two stream output, reduce the host codec pressure. Dual power supply, Support two power supply (DC IN 5V and DC IN 12V).



## INPUT/OUTPUT INTERFACE

Operate System Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android

Color System / YUY2 / 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 UVC1.5

Communication

Protocol

UVC PTZ Support

## IP FEATURES

Video Compression 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 ~ 25fps, 60Hz: 1fps ~ 30fps

Audio Compression AAC

Audio Bit Rate 96Kbps, 128Kbps, 256Kbps

Support protocols TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast, etc.

## GENERIC SPECIFICATION

Input Voltage	DC 12V/DC 5V
Current	12V 1.0A (Max) / 5V 1.5A(Max)
Consumption	
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Power Consumption	12W (Max)
MTBF	>30000h
Size	144mm x 144mm x 167.9mm
Net Weight	1.285 KG

## USB FEATURE

USB Interface	1xUSB3.0: Type B female jack
Network Interface	1xRJ45: 10M/100M Ethernet Interface
Audio Interface	1-ch: 3.5mm Audio Interface, Line In
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)

## CAMERA

Video System	1080P, 720P, 540P, 480P, 360P, 240P etc.
Sensor	1/2.8", CMOS, Effective Pixel: 2.07M
Scanning Mode	Progressive
Lens	12x, f3.5mm ~ 42.3mm, F1.8 ~ F2.8
Digital Zoom	16x
Minimal Illumination	0.5 Lux @ (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,
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Video S/N	≥55dB

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Digital Noise Reduction	2D&3D Digital Noise Reduction
Vertical Rotation Range	-30° ~ +90°
Pan Speed Range	2.7° ~ 35.7°/s
Tilt Speed Range	2.7° ~ 31.5°/s
H & V Flip	Support
Image Freeze	Support
Number of Preset	255
Preset Accuracy	0.1°