

V71CV

1080P USB PTZ Camera

1080P / 12x Optical Zoom / USB 2.0



Product Features

● 1080P Full-HD

High-quality 1/2.8-inch HD CMOS sensor with 2.07 million effective pixels for high-quality images up to 1920x1080.

● Full Function USB Interface

High-speed USB interface, support coding output, support UVC protocol.

● Good Compatibility

Support UVC V1.1 protocol and mainstream video conferencing software on the market.

● Remote Control

The camera can be controlled remotely through the RS232 and USB port.

● Low Illumination

The new CMOS image sensor with ultra-high SNR can effectively reduce the image noise under low illumination. The application of 2D and 3D noise reduction algorithm greatly reduces the image noise even under the condition of ultra-low illumination, it keeps the picture clean and clear, and the SNR of image is as high as 55dB.

● 72.5° Wide-angle Lens + 16x Digital Zoom

The exclusively customized 72.5° high-quality ultra-wide angle lens, support 12x optical zoom and 16x digital zoom.

Product Specifications

Camera

Signal System	1080p, 720p, 540p, 480p, 360p, 240p
Sensor	1/2.8 inches, CMOS, Effective Pixels: 2.07 Megapixels
Scanning Mode	Progressive
Focal length	12x, f=3.5mm ~ 42.3mm, F1.8 ~ F2.8
Digital Zoom	16x
Minimum Illumination	0.5 Lux @ (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
Horizontal FOV	72.5° ~ 6.9°
Vertical FOV	44.8° ~ 3.9°
Pan Angle	±170°
Tilt Angle	-30° ~ +90°
Pan Speed	1.7° ~ 100° /s
Tilt Speed	1.7° ~ 69.9° /s
Image Flip	Support
Image Freeze	Support
Preset Position	255
Preset Accuracy	0.1°



Interfaces

USB Interface	1 x USB2.0, Type-B
Control Interface	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
Power Interface	JEITA type (DC IN 12V)

General Specifications

Input Voltage	DC 12V
Input Current	1.0A (Max.)
Operating Temperature	-10° C ~ 40° C
Storage Temperature	-40° C ~ 60° C
Power Consumption	12W (Max.)
Dimension	144mm x144mm x 167.9mm
Net Weight	1.35Kg

USB Features

Operating System Supported	Windows 7, Windows 8, Windows 10, Windows 11, Mac OS X, Linux, Android
Color System / Compression	YUY2 / MJPEG / H.264
Video Resolution	YUY2 (ISOC Mode): Max.640x480p/30; H.264 AVC: Max.1080p/30; MJPEG: Max.1080p/30
USB Audio	Support
USB Video Communication Protocol	UVC 1.1
UVC PTZ Control	Support