

V61W

1080P Wireless Professional PTZ Camera

Wireless Transmission / PoC / 12x Optical Zoom



Product Features

1080P Full HD

High-quality HD CMOS sensor with effective 2.07 million pixels enables high-quality images with a maximum resolution of 1920x1080.

AAC Audio Encoding

It supports AAC audio encoding, better sound quality and smaller bandwidth consumption.

Low Illumination

The application of 2D and 3D noise reduction algorithm greatly reduces image noise. Even under the condition of ultra-low illumination, it still keep the picture clean and clear, and the SNR of image is as high as 55dB.

Multiple Interfaces

Support HDMI and 3G-SDI interface, effective transmission distance of 3G-SDI is up to 150 meters (1080P30). HDMI, 3G-SDI, network three channels can output high-definition digital signals at the same time.

Wireless Transmission ¹

Stable and reliable wireless transmission, it supports 2x2 MIMO and transmitter beamforming technology, the maximum transmission rate is 300Mbps, the penetration is strong, and the transmission distance is as far as 200 meters. With automatic search and intelligent configuration, high transmission efficiency.

72.5° Angle Lens + 12x Optical Zoom

Use high quality super wide-angle lens 72.5°, it supports 12x optical zoom, 16x digital zoom.

Network Remote Control

It supports multiple control mode, such as VISCA over IP, ONVIF, SDK control. Remote control of the camera without any other cable.

Provide Lens Hood

The lens hood is equipped with a hood to suppress the halo of the screen and prevent stray light from entering the lens. It is especially suitable for wireless shooting in outdoor sunlight.

PoC

Support PoC (Power Over Cable) function, power, video, control three-in-one, 1080p high-definition transmission distance of more than 100 meters.

Remark:

1. The transmission distance is measured from the test of VHD, and the actual distance varies depends on user's environment (purchased separately with PoC).

Product specification

Camera

Signal System	1080p/60, 1080p/50, 1080p/30, 1080p/25, 1080i/60, 1080i/50, 720p/60, 720p/50, 720p/30, 720p/25
Sensor	1/2.8 inches, CMOS, Effective Pixel: 2.07 Megapixels
Scanning Mode	Progressive
Focal length	12x, f=3.5mm ~ 42.3mm, F1.8 ~ F2.8
Digital Zoom	16x
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
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°

Network Features

Video Compression	H.264 / MJPEG
Video Stream	First Stream, Second Stream
First Stream Resolution	1920x1080, 1280x720, 1024x576, etc.
Second Stream Resolution	1024x576, 720x480, 320x240, etc.
Video Bit Rate	32Kbps ~ 20480Kbps
Bit Rate Control	VBR, CBR
Frame Rate	50Hz: 1fps ~ 25fps, 60Hz: 1fps ~ 30fps
Audio Compression	AAC
Audio Bit Rate	96Kbps, 128Kbps, 256Kbps
Protocol	TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast, etc.



Wireless Features

Wireless	5.15~5.35GHz, 5.425~5.725GHz 及 5.745~5.850GHz
Transmission Power	27dBm
Antenna Mode	2*2MIMO, Beamforming
Channel Bandwidth	20/40/80MHz
Modulation Mode	OFDM
Data Rate	max to 300Mbps
Network Mode	point-to-point, point-to-multipoint
Penetration	1~2 walls
Transmission Distance	200 meters
Protocol	802.11a/n

Interfaces

HD Output	1 x HDMI: Version 1.3 1x3G-SDI: BNC type, 800mVp-p, 75Ω, SMPTE 424M standard, Support PoC (Max. 1080p30)
Network Interface	1x RJ45: 10M / 100M / 1000M adaptive Ethernet; 1x 5G WIFI
Control Interface	1 x RS232: 8pin Mini DIN, Max Distance: 30m, Protocol: VISCA / Pelco-D / Pelco-P
Power Interface	JEITA (DC IN 12V)

General Specification

Input Voltage	DC 12V / PoC
Input Current	1.0A (Max.)
Operating Temperature	-10° C ~ 40° C
Storage Temperature	-40° C ~ 60° C
Power Consumption	12W (Max.)
Dimension	142mm x 186mm x 193mm
Net Weight	1.5Kg