

# 4K Wireless Professional PTZ Camera



SKU:

EAN:

## FEATUES

### ●HDMI 1.4b

Supports HDMI 1.4b specification, allowing direct output of uncompressed 4K raw video.

Wireless transmission, using 2×2 MIMO and transmitter beamforming technology, the maximum transmission rate can reach 300Mbps. 200 meters transmission distance, automatic search and intelligent configuration functions to ensure high transmission efficiency. Remote control, supports wireless, RS485 serial port, network, USB and other control methods, providing multiple control options for the camera.

### ●4K UHD

Adopts UHD CMOS sensor, can provide 4K (3840×2160) images, and is compatible with various resolutions such as 1080P and 720P, equipped with 20x optical zoom lens. USB Type-C interface, compatible with USB 3.0 and USB 2.0. Supports UVC 1.1 and UAC 1.0 protocols, convenient for raw and encoded video output.

●Supports H.264 streaming in slice encoding mode, built-in OLED display to display output resolution, battery power, wireless signal strength, camera status, IP address and other information. Equipped with a standard lens sunshade, using the sunshade helps suppress glare and prevent stray light from entering the lens, suitable for outdoor wireless shooting in sunny conditions. Built-in 9450mAh ultra-large capacity lithium battery, providing 6 hours of long-lasting battery life. Two power supply methods, supporting built-in battery power and 12V power supply.

### ●Human tracking

Equipped with internally developed ReID technology, the device can identify the speaker's body shape, appearance and clothing. When the speaker moves around the room, the camera automatically tracks them to ensure that the target remains centered. Even if there is interference or the speaker exits the picture, the camera will quickly recapture and track them when they re-enter. Low-light enhancement, CMOS image sensor with SNR, effectively reduces image noise in low-light conditions. The application of 2D and 3D noise reduction greatly reduces image noise and ensures clear images in low-light conditions.



## SPECIFICATION

### Camera Spec

Signal System	4KP30,4KP25;1080P30,1080P25
Scanning Mode	Progressive
Digital Zoom	16×
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
Pan Angle	±170°
Tilt Angle	-30° ~ +90°

Pan Speed	2.7° ~ 35.7° /s
Tilt Speed	2.7° ~ 31.5° /s
Sensor	1/1.8 inches, CMOS, Effective Pixel: 8.42 Megapixels
Lens	20x, f = 6.25mm ~ 125mm, F1.58 ~ F3.95
Horizontal FOV	60° ~ 3.5°
Vertical FOV	35.7° ~ 2.0°
Image Flip	Support
Automatic ICR(Automatic	Support
Switching of Infrared Filter)	
Preset Position	Support
Image Freeze	Support
Preset Position	255
Preset Accuracy	0.1°
Hood	Support
<b>I/O</b>	
USB Interface	1 x USB 3.0, Type-C
HD Output	1 x HDMI 1.4b
Network Interface	1 x RJ45: 10M/100M adaptive Ethernet
Audio Interface	1 x LINE IN, 3.5mm Jack 2 x Built -in microphone
Control Interface	1 x RS485 In(Optional): 3pin phoenix port, Max Distance: 1200m, Protocol: VISCA / Pelco-D /Pelco-P
Power Interface	JEITA type (DC IN 12V)
Reset Button	Pinhole RESET
Remote Control Receiving	Support
Switch	button
Display	Can display information such as output resolution,battery power, wireless signal strength, camera status, IP address and other information
<b>Network Spec</b>	
Video Compression	H.265 / H.264 / MJEPG
Video Stream	First Stream, Second Stream
First Stream Resolution	3840x2160,1920x1080,1280x720 etc.
Second Stream Resolution	1920x1080,1280x720,1024x576,720x576 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,NDI,RTMP,Onvif,DHCP,Multicast,etc.
<b>USB Spec</b>	
Operating System Supported	Windows 7, Windows 8, Windows 10, Windows11, Mac OS X, Linux, Android
Color System /Compression	YUY2 / MJPEG / H.264

Video Format	YUY2: Max.1440P30; MJPEG: Max.2160P30, H.264 AVC: Max.2160P30; H.265 HEVC: Max.2160P30
USB Audio	UAC1.0
USB Video	UVC 1.1
UVC PTZ Control	Support
<b>Wireless Features</b>	
Wireless	5.15~5.35GHz, 5.425~5.725GHz,5.745~5.850GHz
Transmission Power	27dBm
Antenna Mode	2*2MIMO,Beamforming
Channel Bandwidth	20/40MHz
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
<b>General Specification</b>	
Input Voltage	DC 12V
Input Current	3.0A
Battery	9450mAh
Operating Temperature	-10° C ~ 40° C
Storage Temperature	-40° C ~ 60° C
Power Consumption	36W (Max.)
Dimension	143mm (W) x 189.3mm (D) x 201.6mm (H)
Net Weight	1.9kg