

# 1080P Wireless Professional PTZ Camera UAI4V60WB/UAI4V61WB



1080P









Wireless

Designed for wireless shooting, this camcorder features 1080P image quality and an ultra-long zoom lens, paired with long-range wireless transmission to capture broader scenes and reproduce every detail. With wireless connectivity, it unleashes creative freedom and is suitable for online streaming, sports events, and more.





### **▼** 1080P Full HD

Utilizing a 1/2.8-inch, high-quality CMOS sensor with a maximum of 2.07 million pixels, this camera can achieve high-resolution images at 1920\*1080@60fps.

### ▼ Optical Zoom + Wide-Angle Lens

V60WB: It utilizes a high-quality ultra-high-resolution 61.1° lens with 20x optical zoom and supports 16x digital zoom.

V61WB: It utilizes a high-quality ultra-high-resolution 72.5° lens with 20x optical zoom and supports 16x digital zoom.

### ▼ Single-lens humanoid tracking

With the help of the AI computing power of the chip, the camera is equipped with advanced AI algorithms to realize monocular humanoid tracking, which can realize automatic tracking of scenes such as education, conferences and live broadcasts.

### ▼ Remote control

A variety of control methods, support wireless, RS485 serial port, network and USB, to control the camera.

### **▼** Built-in OLED display

It can display output resolution, battery power, wireless signal strength, camera status, IP address and other information.

### ▼ Standard lens hood

The standard lens hood is equipped with a lens hood, which can suppress the halo of the picture and prevent stray light from entering the lens. It is especially suitable for wireless shooting in outdoor sunlight exposure environments.

### **▼** Built-in high-capacity lithium battery

Built-in 9450mAh ultra-large capacity lithium battery, continuous energy, low power consumption design, 6h long-lasting battery life.

# Product Specification

### ▼ Difference V60WB V61WB

Lens	20x,f4.7mm~94mm,F1.6-F3.6	12x,f3.5mm~42.5mm,F1.8-F2.8
Horizontal FOV	61.1° ~3.5°	72.5° ~6.9°
Vertical FOV	35.8° ~2.0°	44.8° ~3.9°

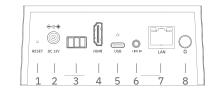
### **▼** Camera Spec

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Signal System	1080 60P, 30p, 25p			
Sensor	1/2.8 inches, CMOS, effective pixels: 2.16 million			
Scanning Mode	Progressive			
Lens	12x, f = 4.1mm ~ 49.2mm, F1.8 ~ F2.68			
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	Support			
Compensation Digital	2D&3D Digital Noise Reduction			
Noise Reduction SNR	≥55dB			
Horizontal field of view	70.28° ~ 6.57°			
Vertical field of view	42.06° ~ 3.76°			
Pan Angle	±170°			
Tilt Angle	-30° ~ +90°			
Pan Speed	2.7° ~ 35.7°/s			
Tilt Speed	2.7° ~ 31.5°/s			
Image Flip	Support			
Image Freeze	Support			
Preset Position	255			
Preset Accuracy	0.1°			
Hood	Support			

#### **▼** I/O

<b>▼</b> I/O	
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 1 x RS485 In(Optional): 3pin phoenix port, Max
Control Interface	Distance: 1200m, Protocol: VISCA / Pelco-D / Pelco-P
Power Interface	JEITA type (DC IN 12V)
Reset Button	Pinhole RESET
Remote Control Receiving Switch	Support
	Can display information such as output resolution,
Display	battery power, wireless signal strength, camera status, IP address and other information

## (Interface Diagram



### ▼ Network Spec

	Video CompressionH.265	5 / H.264 / MJEPG	
	Video StreamFirst Stream	n, Second Stream	
	First Stream Resolution1 640x480, 640x360	920x1080, 1280x720, 1024x576, 960x5	40,
		80, 1280x720, 1024x576, 720x576, x408, 640x360, 480x270, 320x240,	
	Video Bit Rate32kbps~20	0480kbps	
	Bit Rate ControlVBR, CBR	ł	
	Frame Rate50Hz: 1fps ~	60fps, 60Hz: 1fps ~ 60fps	
	Audio CompressionAAC		
	Audio Bit Rate96Kbps, 12	28Kbps, 256Kbps	
	ProtocolTCP/IP, HTTP, R	TSP,NDI, RTMP, Onvif, DHCP,	
	<b>▼</b> USB Spec		
	Operating System Supported	Windows 7, Windows 8, Windows 10, V Mac OS X, Linux, Android	Vindows 11
	Color System / Compression	YUY2 / MJPEG / H.264	
		YUY2 (isochronous mode); up to 1080P0	@60fps

### ▼ Wireless Features

Video Format

USB Audio

USB Video

UVC PTZ Control

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 channel width selection
Modulation Mode	OFDM
Data Rate	max to 300Mbps
Network Mode	point-to-point, point-to-multipoint
Penetration	1~2 walls
Transmission Distance	200 meters (for longer distances, higher gain antennas can be used)
Protocol	802.11a/n

MJPEG: up to 1080P@60fps

UAC1.0

UVC 1.1

▼ General Specif	ication	
Input VoltageDC 12V		
Input Current3.0A		
Battery 9450mAh		
Operating Temperature-	10°C ~ 40°C	
Storage Temperature-40	°C ~ 60°C	
Power Consumption36W	(Max.)	
,	V) x 189.3mm (D) x 201.6mm	(H)
Net Weight1.9kg		
1 RESET 5 USB		
2DC 12V6LINE IN		
3 RS485 7 LAN		
4 HDMI 8 ON/OFF		70
		39