

# PTZ-4K

4K Ultra HD camera

HDMI+USB3.0+LAN

4K UHD 30FPS

H.264 H.265



## Features

### ■ 4K Ultra HD Resolution:

Apply SONY 1/2.8" Progressive CMOS sensor, 8.50 Megapixels, can reach 4K (3840x2160) high resolution with frame rate up to 4K 30fps.

### ■ Abundant Outputs:

Support HDMI, USB3.0, LAN output in sync.

### ■ Ultra High Frame Rate:

Support HDMI, LAN, video output frame rate can reach 4K 30fps.

USB3.0 video output frame rate can reach 1080P 30fps.

### ■ 72.5° Wide Angle+16x digital zoom:

Apply high quality 8.50 megapixels 4K ultra wide-angle lens, 12x optical zoom, support 16x digital zoom.

### ■ Low Light:

Brand new CMOS image sensor with ultra high S/N Ratio can effectively reduce image noise in low light conditions. Applying 2D&3D Digital noise reduction at the same time, it reduces image noise greatly, even in ultra low light conditions, it could still remain the frame clean and clear, S/N Ratio of the image is higher than 55dB.

### ■ Signal transparent transmission function of infrared remote controller:

Apart from receiving its own infrared remote controller's signals, it can also receive signals of the consumer's infrared remote controller and send to video conference terminal via VISCA IN port.

### ■ Multi-installation Methods:

Wall mounting, desktop or ceiling mounting.

## Specifications

Camera	
Resolution	HDMI: 2160p/30/25, 1080p60/50, 1080p30/25, 1080i60/50, 720p60/50 LAN: 2160p/30/25, 1080p30/25, 720p30/25 USB 3.0: 3840*2160, 1920*1080, 1280*720, 800*600, 720*576, 640*480, 320*240
Image Sensor	SONY 1/2.8" Progressive CMOS
Effective Pixels	8.50 Megapixels
Scan Mode	Line by line
Lens	12X optical zoom, f=3.9mm(w)~46.8mm(f)
Focus System	Auto/Manual
Minimum Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter Speed	1/25s~1/10000s
White Balance	Auto/Manual/One-click/Indoor/Outdoor
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital noise reduction
S/N Ratio	≥55dB
Horizontal View Angle	72.5°(W)~6.5°(T)
Vertical View Angle	40.8°~3.7°
Horizontal Rotation Range	355°
Vertical Rotation Range	-30°~+90°
Horizontal Rotation Speed Range	1°~60°/s
Vertical Rotation Speed Range	1°~60°/s
Electronic Flip	Support
Image Freeze	Support
POE Power Supply	802.3af(optional)
Preset Position	9 preset positions by IR remote controller, 200 preset positions by joystick controller or PC
Accuracy of Preset Position	0.1°±10%
Network Characteristics	
Code Stream	Main code stream*1, Auxiliary code stream*1
Coding Format	H.264, H.265, MJPEG
Streaming Media Protocol	RTMP, RTSP, RTMPS, ONVIF, SRT

Main Code Stream Resolution	576P30, 720P25, 720P30, 1080P25, 1080P30, 2160P25, 2160P30
<b>USB Features</b>	
Auxiliary Code Stream Resolution	576P30, 720P25, 720P30
Protocol	UVC1.1
Operating System	Window7 and above, MacOS, Linux, Android
UVC Video Coding Format	YUY2, MJPEG, H.264, H.265
UVC Video Resolution	320x240, 640x480, 720x576, 800x600, 1280x720, 1920x1080, 3840x2160 and so on
UVC Video Frame Rate	Max.30
<b>Interface</b>	
Video Output 4K	1 Line, HDMI: Version1.4
Network Interface	1 Line, LAN: 10M/100M Ethernet port
USB Interface	1 Line, USB 3.0, Type-B Socket
Control Mode	1 Line, RJ45: RS232 IN:up to 30 meters, VISCA/Pelco-D/Pelco-P Protocol
	1 Line, RJ45: RS422/485 IN:up to 1200 meters, VISCA/Pelco-D/Pelco-P Protocol
Power Interface	DC 12V IEC60130-10(JEITA Standard RC-5320A)TYPE4
<b>General Specifications</b>	
Input Voltage	DC 12V
Input Current	Max.1.0A
Power Consumption	Max.12W(DC 12V)
Operating Temperature	0~40°C
Storage Temperature	-10-60°C
Camera Dimensions	(L)181x(W)181x(H)176mm
Color	Silver
Weight	1200g
Accessories	DC 12V power adapter, IR Remote, Operation manual, RS-232C Cable, 4K HDMI Cable, USB Cable, Ceiling bracket (Wall bracket optional)