

KT-UH40VQ

4K Ultra HD camera

4K30fps

Intelligent Tracking + Auto Framing

Gesture Recognition

USB3.0

YUY2/MJPEG/H.264/H.265



Features

■ 4K Ultra HD Resolution:

Apply a new generation of SONY 1/2.8-inch COMS high-quality 4K sensor, which can achieve high-quality images with a maximum resolution of 3840*2160.

■ 10x Optical Zoom:

Support 10x optical zoom + 3X digital zoom.

■ Next-generation intelligent algorithm humanoid tracking + Auto Framing intelligent framing:

Supports the next-generation intelligent humanoid tracking algorithm + intelligent gesture recognition, allowing for 3 types of gestures to initiate intelligent tracking, intelligent framing, and deactivating the intelligent functions.

* Auto Framing is limited to non-4K resolution.

■ USB 3.0 Interface:

Support ultra-high-definition 4K resolution 10 times video output, support full HD resolution 20 times video output, support high-definition resolution 30 times video output.

*YUY2 supports full HD 10 times, ultra high definition 20 times video output.

■ USB2.0 Type B Expansion Port:

Can be connected to USB external devices such as omnidirectional microphones to expand the usage scenarios of the product.

■ Multiple Control Protocols:

Support VISCA, PELCO P/D protocol, support automatic identification protocol.

Multiple Encoding Formats:

Support YUY2, MJPEG, H.264, H.265 encoding format, reduce the host encoding and decoding pressure.

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.

Various Installation Methods:

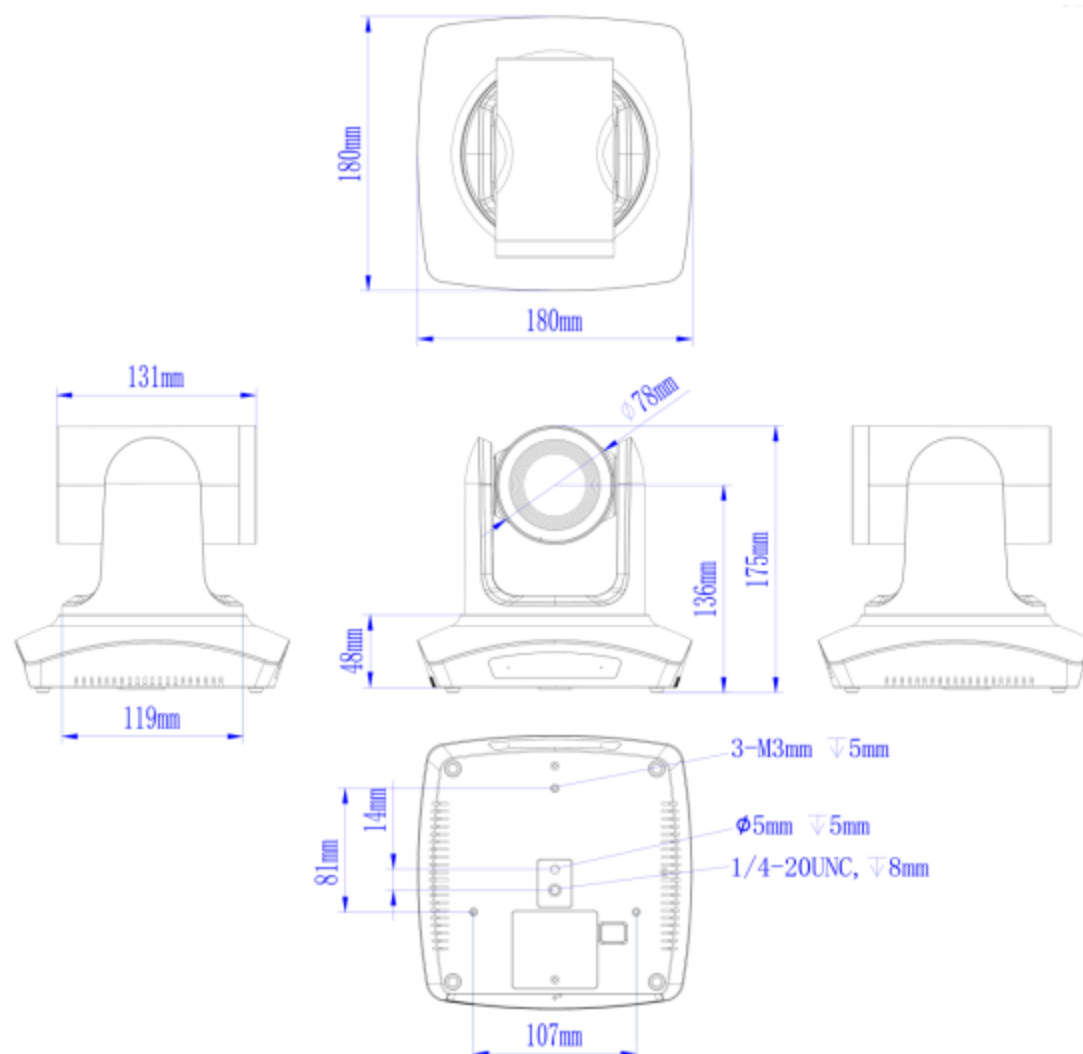
A variety of installation methods, desktop, ceiling and wall installation.

Specifications

Image Parameters	
Resolution	3840*2160, 1920*1080, 1280*720, 960*540, 800*600, 720*576, 720*480, 640*480, 640*360, 352*288, 320*240
Image Sensor	SONY 1/2.8" CMOS
Scan Mode	Line by line
Lens	10X Optical Zoom, f=5.15mm(W)~51.5mm(T), F2.8~F3.2
Digital Zoom	3X
Horizontal View Angle	61.5°(W)~7.0°(T)
Vertical View Angle	35.0°(W)~3.97°(T)
Focus System	Auto, Manual
Shutter Speed	1/25s ~ 1/10000s
Minimum Illumination	1.5 Lux
Exposure	Auto, Manual
White Balance	Auto, Manual
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital noise reduction
S/N Ratio	≥50dB
Pan/Tilt	
Pan Angle	355°
Tilt Angle	-30°~+90°
Pan Speed	1°~90°/s
Tilt Speed	1°~90°/s
Preset Positions	9 preset positions by IR remote controller, 255 preset positions by joystick controller or PC

Preset Accuracy	0.1°±10%
Flip	Support
AI	
Humanoid Tracking	Support
Auto Framing	Support
USB	
Protocol	UVC 1.1
Operating System	Window7 and above, MacOS, Linux, Android
Video Compression	YUY2, MJPEG, H.264
Frame Rate	Max.30
UVC Control	Support
Interface	
USB Interface	1 Line, USB3.0, Type-A Socket 1 Line, USB2.0 extensional in, Type-A Socket
Serial Interface	1 Line, RS232 IN: 8-Pin Mini Din, up to 30 meters, VISCA/Pelco-D/Pelco-P Protocol. 1 Line, RS422/485: 3-Core Phoenix Interface, up to 1200 meters, VISCA/Pelco-D/Pelco-P Protocol.
Power Interface	JEITA RC-5320A Type 4
General Specifications	
Input Voltage	DC 12V
Input Current	Max.0.7A
Power Consumption	Max.8.4W
Operating Temperature	0~40℃
Storage Temperature	-10~60℃
Color	Silver
Dimension	(W)180*(D)180*(H)175mm
Weight	1.2kg
Accessories	DC 12V power adapter, IR Remote, User manual, USB3.0 Cable, Ceiling bracket, Wall bracket(Optional)

Dimension



Connection

