

KT-HD81R-Y



◇1080P HD Resolution:

HD81R: Apply SONY 1/2.8 STARVIS CMOS sensor, 3.10 Megapixels, can reach max.1920x1080 high resolution with frame rate up to 60fps

HD81Y: Apply SONY 1/2.8 STARVIS CMOS sensor, 3.10 Megapixels, can reach max.1920x1080 high resolution with frame rate up to 60fps

◇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

◇Abundant Outputs:

Support HDMI, USB2.0 HD 1080P output in sync

◇Optical zoom can choose:

HD81R: 12x optical zoom+16x digital zoom

HD81Y: 5x optical zoom+16x digital zoom

◇Remote Control:

Support UVC, can controlled by USB Serial

◇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

Resolution	1080p60/50, 1080p59.94/29.97, 1080p30/25, 1080i60/50, 1080i/59.94, 720p60/50, 720p/59.94
Image Sensor	SONY 1/2.8 STARVIS CMOS
Scan Mode	Line by line
Lens	HD81R 12X optical zoom, f=3.9mm(w)~46.8mm(f) HD81Y 5X optical zoom, f=3.2mm(w)~14.4mm(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	HD81R 72.5°(W)~6.5°(T) HD81Y 58.7°(W)~3.2°(T)
Vertical View Angle	HD81R 40.8°~3.7° HD81Y 84.5°~21.6°
Horizontal Rotation Range	±170°
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
Preset Position	9 preset positions by IR remote controller, 200 preset positions by joystick controller or PC
Accuracy of Preset Position	0.1°±10%
USB Specifications	
Protocol	UVC1.1
Operating System	Window7 and above, MacOS, Linux, Android
UVC Video Coding Format	YUY2, MJPEG, H.264
UVC Video Resolution	320*240, 640*480, 720*576, 800*600, 1280*720, 1920*1080 and so on
UVC Video Frame Rate	Max.30

Interface	
Video Output HD	1 Line, HDMI: Version1.4
USB Interface	1 Line, USB 2.0, Type-B Socket
Power Interface	DC 12V IEC60130-10(JEITA Standard RC-5320A)TYPE4
General Specifications	
Input Voltage	DC 12V
Input Current	Max.1.0A
Power Consumption	Max.12W(DC 12V)
Operating Temperature	0~40℃
Storage Temperature	-10-60℃
Camera Dimensions	(L)161×(W)133×(H)181mm
Color	Black
Weight	1200g
Accessories	DC 12V power adapter, IR Remote, Operation manual, HDMI Cable, USB Cable, Ceiling bracket