

## KT-HD61A-R



### ◇1080P HD Resolution:

HD61A: Apply SONY 1/2.8 STARVIS CMOS sensor, 3.50 Megapixels, can reach max.1920x1080 high resolution with frame rate up to 60fps

HD61R: Apply SONY 1/2.8 STARVIS CMOS sensor, 3.10 Megapixels, can reach max.1920x1080 high resolution with frame rate up to 60fps

### ◇Abundant Outputs:

Support HDMI, 3G-SDI, LAN, USB2.0 HD 1080P output in sync

### ◇Optical zoom can choose:

HD61A: 20x optical zoom+16x digital zoom

HD61R: 12x optical zoom+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

### ◇Remote Control:

Use RS232, RS422/RS485 serial ports to control multiple cameras with daisy chain

### ◇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

<b>Camera</b>	
Resolution	1080p60/50, 1080p59.94/29.97, 1080p30/25, 1080i60/50, 1080i59.94, 720p60/50
Image Sensor	<b>SONY 1/2.8 STARVIS CMOS</b>
Scan Mode	Line by line
Lens	HD61A 20X optical zoom, f=5.2mm(w)~104mm(f) HD61R 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	HD61A 58.7°(W)~3.2°(T) HD61R 72.5°(W)~6.5°(T)
Vertical View Angle	HD61A <b>33°~1.8°</b> HD61R <b>40.8°~3.7°</b>
Horizontal Rotation Range	±170°
Vertical Rotation Range	-30°~+90°
Horizontal Rotation Speed Range	<b>1°~60°/s</b>
Vertical Rotation Speed Range	<b>1°~60°/s</b>
Electronic Flip	Support
Image Freeze	Support
POE Power Supply	<b>802.3at(optional)</b>
Preset Position	9 preset positions by IR remote controller, 200 preset positions by joystick controller or PC
Accuracy of Preset Position	<b>0.1°±10%</b>
<b>USB Specifications</b>	
Protocol	<b>UVC1.1</b>
Operating System	<b>Window7 and above, MacOS, Linux, Android</b>
UVC Video Coding Format	<b>YUY2, MJPEG, H.264</b>
UVC Video	<b>320x240, 640x480, 720x576, 800x600, 1280x720, 1920x1080 and so on</b>

Resolution	
UVC Video Frame Rate	Max.30
<b>Network Characteristics</b>	
Code Stream	Main code stream*1, Auxiliary code stream*1
Coding Format	H.264, H.265
Streaming Media Protocol	RTMP, RTSP, RTMPS, ONVIF, NDI HX2(optional)
Main Code Stream Resolution	576P30, 720P25, 720P30, 1080P25, 1080P30
Auxiliary Code Stream Resolution	576P30, 720P25, 720P30
<b>Interface</b>	
Video Output HD	1 Line, HDMI: Version1.4
	1 Line, 3G-SDI: SMPTE-274M(Level A), SMPTE-296M
Network Interface	1 Line, LAN: 10M/100M POE(optional)
Other Input	1 Line, Line In, 3.5mm AUDIO-IN
USB Interface	1 Line, USB 2.0, Type-B Socket
Control Mode	1 Line, RS232 IN: 8 Pin Mini Din, up to 30 meters, VISCA/Pelco-D/Pelco-P Protocol
	1 Line, RS232 OUT: 8 Pin Mini Din, up to 30 meters, VISCA/Pelco-D/Pelco-P Protocol
	1 Line, RS422/485 IN/OUT: Nine-core Phoenix Interface, 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.1.5A
Power Consumption	Max.18W
Operating Temperature	0~40℃
Storage Temperature	-10-60℃
Camera Dimensions	(L)170×(W)151×(H)190mm
Color	Black/White(optional)
Weight	1500g
Accessories	DC 12V power adapter, IR Remote, Operation manual, RS-232C Cable, HDMI Cable, USB Cable, Ceiling bracket