

## KT-HD31 Series



### ✧1080P HD Resolution:

HD31M/W: Apply SONY 1/3 STARVIS CMOS sensor, 2.19 Megapixels, can reach max.1920x1080 high resolution

HD31S: Apply SONY 1/2.8 STARVIS CMOS sensor, 2.19 Megapixels, can reach max.1920x1080 high resolution

### ✧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

### ✧USB Interface:

Support Full HD 1080P Video Output

### ✧Remote Control:

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

### ✧Abundant Coding Formats:

Support YUY2, MJPEG, H.264 and H.265 coding formats, reduce the pressure of HC's encoding and decoding

### ✧Multi-installation Methods:

Wall mounting, desktop or ceiling mounting

Camera	
Resolution	1920*1080, 1280*720, 960*540, 800*600, 720*576, 720*480, 640*480, 640*360
Image Sensor	HD31M/W SONY 1/3 STARVIS CMOS HD31S SONY 1/2.8 STARVIS CMOS

Scan Mode	Line by line
Lens	31M Fixed Focus, f=2.26mm 31W 3X optical zoom, f=3.35mm(w)~10.05mm(f) 31S 10X optical zoom, f=4.7mm(w)~47.0mm(f)
Focus System	HD31M Manual HD31W/S Auto/Manual
Minimum Illumination	31M 1.5 Lux 31W 1.5 Lux 31S 0.1 Lux
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	31M 108° 31W 99.6°(W)~30.6°(T) 31S 60.9°(W)~6.43°(T)
Vertical View Angle	61° 56°~17.2° 34.3°~3.6°
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
Preset Position	9 preset positions by IR remote controller, 200 preset positions by joystick controller or PC
Accuracy of Preset Position	0.1°±10%
<b>USB Specifications</b>	
Protocol	UVC1.1
Operating System	Window7 and above, MacOS, Linux, Android
UVC Video Coding Format	YUY2, MJPEG, H.264, H.265
UVC Video Resolution	320*240, 640*480, 720*576, 800*600, 1280*720, 1920*1080 and so on
UVC Video Frame Rate	Max. 30

UVC PTZ Control	Support
<b>Interface</b>	
USB Interface	1 Line, USB 2.0, Type-A Socket
Control Mode	1 Line, RS232 IN: 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. 700mA
Power Consumption	Max. 8W
Operating Temperature	0~40°C
Storage Temperature	-10~60°C
Camera Dimensions	(L) 135× (W) 130× (H) 144mm
Color	Silver
Weight	790g
Accessories	DC 12V power adapter, IR Remote, Operation manual, USB Cable, Ceiling bracket