

KT-UH62DHN

4K Ultra HD camera

4K UHD 30FPS

HDMI+LAN+USB3.0+3G-SDI

SRT

NDI|HX 2



Features

■ 4K Ultra HD Resolution:

Apply SONY 1/2.5" 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, SDI, LAN output in sync.

■ Ultra High Frame Rate:

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

■ 20x optical zoom:

Apply high quality 8.50 megapixels 4K ultra wide-angle lens, 20x optical zoom, support 16x digital zoom.

■ Multiple video compression standards:

Different interfaces support YUY2, H265, MJPG, H264 multiple video compression formats.

■ Multiple network protocols:

Supports ONVIF, SRT, RTSP, RTMP and NDI|HX2 protocols.

■ Multiple Control Protocols:

Support NDI, VISCA, PELCO P/D protocol, VISCA IP, support automatic identification protocol

■ Front tally display:

Support tally status display, broadcast-level application scenarios.

■ 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	2160p/30/25, 1080p60/50, 1080p30/25, 1080i60/50, 720p60/50
Image Sensor	SONY 1/2.5" Progressive CMOS
Effective Pixels	8.50 Megapixels
Scan Mode	Line by line
Lens	20X optical zoom, f=5.2mm(w)~104mm(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	58.7°(W)~3.2°(T)
Vertical View Angle	33°~1.8°
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%
USB Features	
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 and so on
UVC Video Frame Rate	Max.30
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, NDI HX 2
Main Code Stream Resolution	576P30, 720P25, 720P30, 1080P25, 1080P30, 2160P25, 2160P30
Auxiliary Code Stream Resolution	576P30, 720P25, 720P30
Interface	
Video Output 4K	1 Line, HDMI: Version1.4
	1 Line, RJ45: 10M/100M Ethernet port
Video Output HD	1 Line, 3G-SDI: SMPTE-274M(Level A), SMPTE-296M
	1 Line, USB 3.0, 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
General Specifications	
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
Weight	1500g
Accessories	DC 12V power adapter, IR Remote, Operation manual, RS-232C Cable, 4K HDMI Cable, USB Cable, Ceiling bracket(Wall bracket optional)