

KT-UH62FQN

4K Ultra HD FULL NDI® PTZ Camera

4K30

20X Optical Zoom

HDMI+LAN+6G-SDI+USB3.0

Full NDI®

NDI®|HX2

Tally



Features

■ 4K Ultra HD output:

Applies SONY full-module lens, 8.51 Megapixels, 1/2.5-inch STARVIS 4K CMOS, 4K (3840x2160) high resolution with frame rate up to 4K 30fps, super clear restoration of details.

■ 20x Optical Zoom Lens+70.2° Horizontal Angle :

Applies high-quality SONY Exmor R 20X optical zoom lens, horizontal viewing angle 70.2°, providing a truly "distant" and "broad" viewing experience.

■ Supports Full NDI® and NDI®|HX2 Protocol to Achieve Lossless Image Output :

Compared with the NDI® HX series protocol, Full NDI® supports 1080p60 and 4K30 resolution, higher bandwidth picture transmission. This model also supports the NDI®|HX2 protocol.

■ 6G-SDI Full Interfaces Broadcast PTZ Camera :

Fully supports HDMI+6G-SDI+LAN+USB3.0 video output interface, LAN interface supports POE+.

*Either USB or LAN outputs 4K 30fps.

■ Built-in Standard Two-color Tally Indicator Light :

The two-color tally light can be controlled through VISCA (VISCA over IP), NDI control protocols, suitable for recording and broadcasting scenes with multiple cameras.

■ Low Light :

The new ultra-high S/N ratio CMOS image sensor can effectively reduce image noise. 2D&3D

digital noise reduction, greatly reduce image noise. Even in ultra-low light conditions, the picture can still be kept clean and clear, and the image S/N ratio is higher than 50dB.

■ Infrared Transparent Transmission:

In addition to being able to receive its own dedicated remote control signal, it can also receive user infrared remote control signals and send them to the terminal through the VISCA IN port.

■ Various Network Protocols

Supports ONVIF, SRT, RTSP, RTMP, RTMPS, NDI®|HX2, Full NDI® and other network protocols.

■ Multiple Control Protocols

Supports VISCA (including VISCA Over IP), PELCO P/D, NDI® protocols, and automatically identifies protocols.

■ Various Installation Methods

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

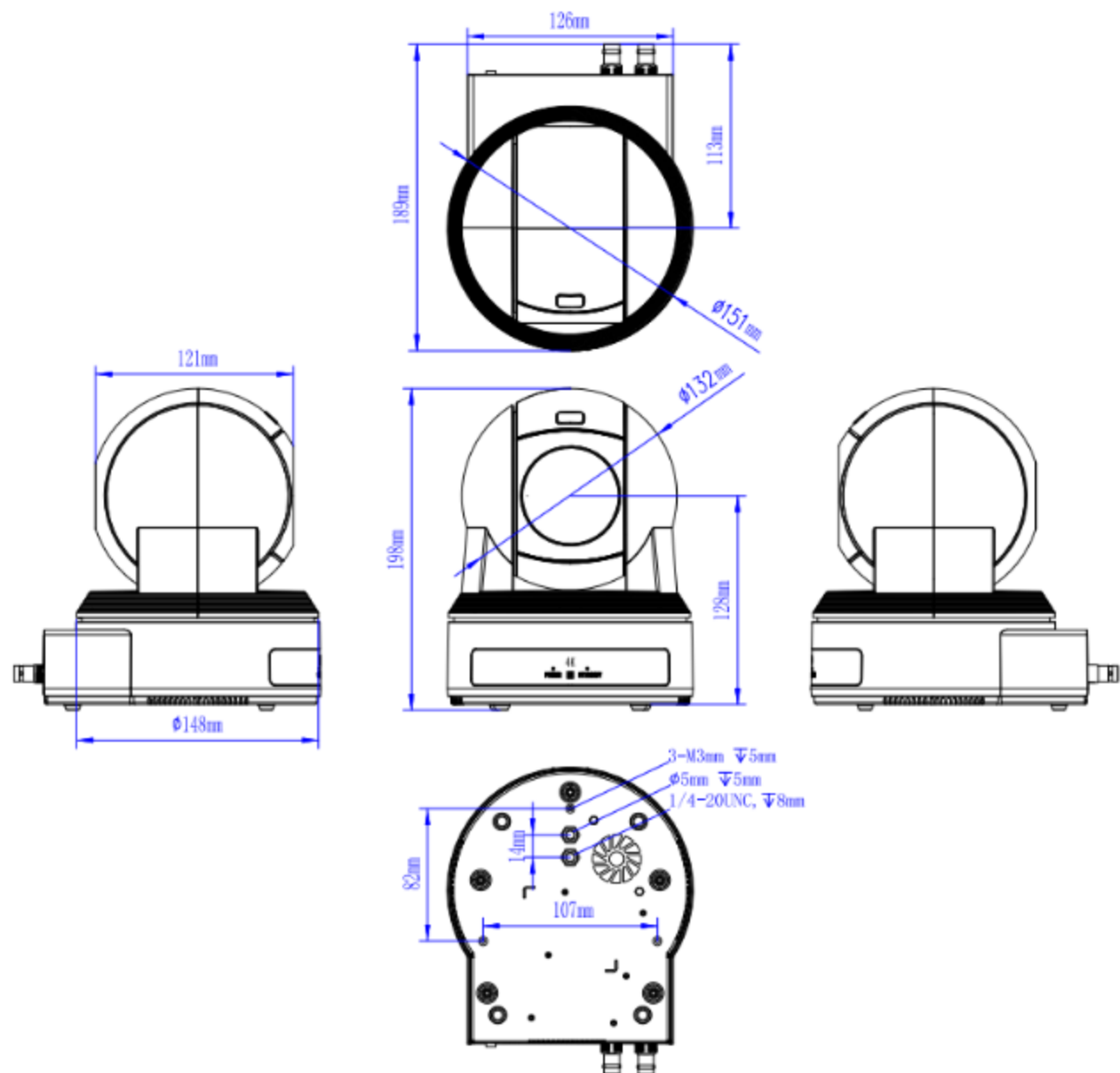
Specifications

Image Parameters	
Resolution	HDMI: 4K30/29.97/25, 1080p60/59.94/50/30/29.97/25, 1080i60/59.94/50, 720p60/50 6G-SDI: 4K30/29.97/25, 1080p60/59.94/50/30/29.97/25, 1080i60/59.94/50, 720p60/50
Image Sensor	SONY FCB-CR8530 Original Module
Pixels	8.51 Effective Megapixels
Scan Mode	Line by line
Lens	20X Optical Zoom, f=4.4mm(W)~88.4mm(T), F2.0~F3.8
Digital Zoom	16X
Horizontal View Angle	70.2°(W)~4.1°(T)
Vertical View Angle	33°(W)~1.8°(T)
Focus System	Auto, Manual
Shutter Speed	1/25s ~ 1/10000s
Minimum Illumination	0.4 Lux @ (F2.0, AGC ON)
Exposure	Auto, Manual, Iris Priority, Shutter Priority, Brightness priority
White Balance	Auto, Indoor, Outdoor, Keying, Auto Tracking, 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°~80°/s
Tilt Speed	1°~60°/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
POE+	Support, 802.3at
USB	
Protocol	UVC 1.1
Operating System	Window7 and above, MacOS, Linux, Android
Video Compression	YUY2, MJPEG
Resolution	3840*2160, 2560*1440, 1920*1080, 1280*720, 960*540, 800*600, 720*576, 720*480, 640*480, 640*360, 352*288, 320*240
Frame Rate	Max.30
UVC Control	Support
LAN	
Protocol	TCP/IP, HTTP, RTSP, RTMP, RTMPS, SRT, Onvif, DHCP, VISCA Over IP, NDI@HX2 (Optional), Full NDI@ (Optional)
Video Compression	H.264, H.265
Code Stream	Main code stream*1, Sub code stream*1
Main Stream Resolution	1920*1080
Sub Stream Resolution	640*480, 640*360, 480*360, 352*288, 320*240, 176*144
Bitrate Control	VBR, CBR
Audio	
Audio Compression	AAC
Audio Bit Rate	128kbps
Interface	
HDMI Interface	1 Line, HDMI: Version 1.4
SDI Interface	1 Line, 6G-SDI
USB Interface	1 Line, USB3.0, Type-B Socket
Network Interface	1 Line, RJ45: 10M/100M adaptive Ethernet port
Audio Interface	1 Line, Line In, 3.5mm
Serial Interface	1 Line, RS232 IN/Out: 8-Pin Mini Din, up to 30 meters, VISCA/Pelco-D/Pelco-P Protocol. 1 Line, RS422/485: 9-Core Phoenix Interface, up to 1200 meters, VISCA/Pelco-D/Pelco-P Protocol.
Power Interface	JEITA RC-5320A Type 4
General Specifications	

Tally Light	Support
Input Voltage	DC 12V
Input Current	Max. 1.0A
Power Consumption	Max. 12W
Operating Temperature	0~40℃
Storage Temperature	-10~60℃
Color	Black, White (Optional)
Dimension	(W) 126*(D) 189*(H) 198mm
Weight	1.3kg
Accessories	DC 12V power adapter, IR Remote, User manual, USB3.0 Cable, RS-232C Cable, Ceiling bracket, Wall bracket(Optional)

Dimension



Application scenarios



Connection

