

4K UHD PTZ CAMERA

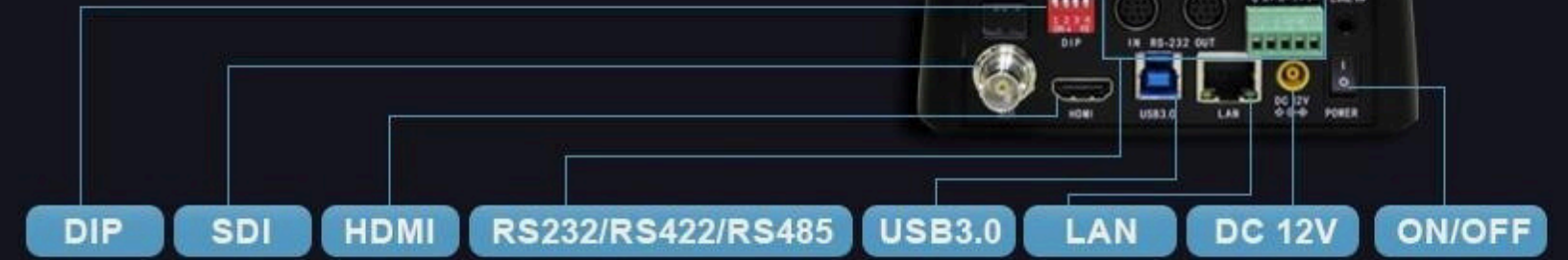


4K UHD PTZ CAMERA TZ812/TZ820

- ULTRA HD 4K/30fps, SONY Sensor, 8.50 MP, NDI|HX2 optional
- 20X or 12X Optical Zoom, Pan:355°/Tilt:120°, With Tally Light
- HDMI, USB3.0, (4K), 3G-SDI, LAN Video Output, POE Power
- RS-232, RS-422, RS-485 Serial Control, Cascading
- Streaming Protocols: RTSP, RTMP, SRT, NDI|HX2 Optional
- Control Protocols: Onvif, VISCA over IP, VISCA, PELCO-D/P
- Tripod, Wall&Ceiling Mounting

Multiple Outputs

4K PTZ Camera includes various of interfaces HDMI, USB3.0 SDI, LAN outputs allow users to output UHD4K(3840x2160) signal simultaneously. LAN ports supports Power Over Ethernet (POE), NDI|HX2 can be option and IP streaming via RTSP, RTMP protocols. It offers audio line-in for NDI/IP streams, Users can control the 4K PTZ Camera easily via LAN ports or RS232/RS422/RS485 serial ports. Support YUY2, H265, MJPG, H264.



20X/12X OPTICAL ZOOM

Provides 12x or 20x optical zoom lens for effective close-up and wide-angle shooting. Quick pan and tilt speeds and pictures controls like brightness, color, saturation, contrast, sharpness provide precision control of your images



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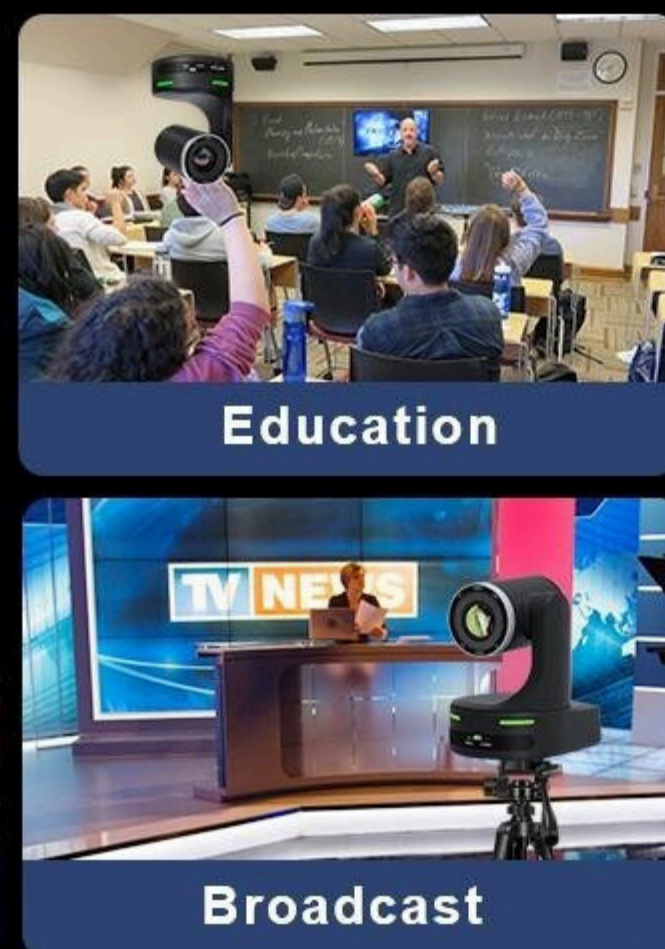
Easily Control

4K PTZ Camera can be easily controlled by IR remote, Web UI as well as the Joystick Camera Controller IP or serial port. Multiple control protocols are supported including ONVIF VISCA over IP, VISCA, PELCO-D, Pelco-P, or NDI|HX2



Various Installation

Support image flip function, the bottom thread of camera can be used for mounting suitable for tripod mounting wall mounting, ceiling mounting. Widely used in many applications in broadcasting, education, church and other fields



Specification

TZ812/TZ820

Image Sensor	SONY Progressive 4K CMOS, 8.50 Megapixels
Lens	TZ820: 20X optical zoom, f=5.2mm(w)~104mm(f) TZ812: 12X optical zoom, f=3.9mm(w)~46.8mm(f)
Horizontal View Angle	TZ820: 58.7°(W)~3.2°(T) TZ812: 72.5°(W)~6.5°(T)
Resolution	3840*2160p30/25, 1920*1080p60/59.94/50/30/29.97/25, 1280*720p60/50
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 Rotation Range	355°
Vertical Rotation Range	-30°~+90°
Protocol	UVC1.1, UAC1.0
Operating System	Window7 and above, MacOS, Linux, Android
UVC Video Coding Format	YUY2, MJPEG, H.264, H.265
UVC Video Frame Rate	UVC Video Frame Rate
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, or NDI HX2 optional
Video Output HD	1 Line, HDMI: Version1.4 1 Line, 3G-SDI
USB Interface	1 Line, USB 3.0, Type-B Socket
Network Interface	1 Line, RJ45: 10M/100M Ethernet port (POE), NDI HX2 optional
Other Input	Line In, 3.5mm AUDIO-IN
Control Mode	1 Line, RS232 IN/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
Input Current	Max.1.0A
Power Consumption	Max 12W(DC 12V)
Operating Temperature	0~40°C
Storage Temperature	-10~60°C
Camera Dimensions	(L)161×(W)133.6×(H)181mm
Color	Black
Weight	1200g
Accessories	DC 12V power adapter, IR Remote, Operation manual, RS-232C Cable, HDMI Cable, USB3.0 Cable, Ceiling bracket (Wall bracket optional)

INTERFACE



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