

B98 4K 4/3" CMOS AI tracking PTZ Broadcast camera



SKU:

EAN:

FEATURES

- The PTZ camera features Sony's sensitive 4/3-inch sensor for clear image capture. Its AI speaker tracking algorithm ensures stable tracking of subjects even at long distances. The interface includes 12G-SDI, capable of simultaneously outputting five signal streams, making it ideal for diverse settings like large conferences, studios, live events, and recordings.

- 20x Optical Zoom

With a 4K telephoto lens featuring a 71° horizontal FoV and 20x optical zoom, the camera effortlessly captures clear and vibrant images. The Genlock interface synchronizes the camera with other video signals, enabling seamless switching between multiple sources for multi-angle, high-quality visual effects.

- Ultra-large CMOS

Using SONY's 4/3-inch UHD CMOS sensor, it has a larger photosensitive target surface than most 1/2.5-inch image sensors, enabling 4K (3840x2160) images with excellent sensitivity and rich natural colors. The FreeD protocol sends precise camera positioning data for virtual studio creation. The built-in double tally display light offers real-time camera status and visual cues for staff coordination and program monitoring.

- AI Presenter Tracking

The camera's ReID technology accurately identifies the presenter's figure, face, and attire, automatically tracking them to keep them centered in the frame. It continues tracking them upon re-entry, even if there's interference or they step out of the frame.



SPECIFICATION

Camera	Network
	Characteristics
Signal System 4K@60fps, <u>4K@59.94fps</u> , 4K@50fps, 4K@30fps, <u>4K@29.97fps</u> , 4K@25fps, 4K@24fps, <u>4K@23.98fps</u> , 1080P@60fps, <u>1080P@59.94fps</u> , 1080P@50fps, 1080P@30fps, <u>1080P@29.97fps</u> , 1080P@25FPS, 1080P@24fps, <u>1080P@23.98fps</u> , 1080I@60fps, 1080I@50fp, <u>1080I@59.94fps</u> , 720P@60fps, <u>720P@59.94fps</u> . 720P@50fps	Video Encoding Standard H.265 / H.264 / MJPEG

Sensor	4/3 inches, CMOS, effective pixels: 20 million	Video Stream	First stream, second stream
Scanning Method	Progressive	First Stream Resolution	3840×2160, 1920×1080, 1280×720, 1024×576 etc.
Lens	20x, f9.79mm ~ 186.5mm, F2.8 ~ F4.5	Second Stream Resolution	720×576, 720×480, 320×240 etc.
Digital Zoom	16×	Video Bit Rate	32kbps~81920kbps
Minimum Illumination	0.5Lux @ (F1.8, AGC ON)	Code Rate Control	Variable bit rate, fixed bit rate
Shutter	1/30s ~ 1/10000s	Frequency	50Hz: 1fps~50fps, 60Hz:1fps~60fps
ND Filter	Built-in(OFF、1/4、1/16、1/64)	Audio Bit Rate	96Kbps, 128Kbps
Focus Mode	TOF Hybrid Focus / Contrast Focus	Support Protocols	NDI@ HX3, SRT,TCP/IP,HTTP,RTSP,Free-D, RTMP(s),Onvif,DHCP,multicast,GB/T28181 etc.
Anti-Shake	EIS	Audio Compression Standards	AAC、G711A
White Balance	Automatic, Manual, indoor, outdoor,one-touch,specified color temperature	Input/Output Interface	
Backlight Compensation	Support	HD Output	1x HDMI: 2.0;1x 12G-SDI: BNC type, 800mVp-p, 75Ω, Comply with ST2082 standard; 1x 3G-SDI: BNC type, 800mVp-p, 75Ω, Comply with SMPTE 424M standard;
Digital Noise Reduction	3D Digital Noise Reduction	Genlock Interface	1x BNC type, 1.0Vp-p, 75Ω, input only
SNR	≥ 55dB	Timecode Interface	1x BNC type, 75Ω, input only
Horizontal FoV	71° ~4.05°	Network Interface	1x RJ45: 10M/100M/1000M adaptive ethernet
Vertical FoV	39.6° ~ 2.2°	Audio Interface	1x Line In, 3.5mm Audio Interface 2x Badaptive ethernet, XLR interface 2x Mic input
Horizontal Rotation Range	-30° ~ +120°	USB Interface	1x USB3.0, Type-C
Vertical Rotation Range	±172°	Communication Interface	1x RS232 In: RJ45, VISCA/Pelco-D/Pelco-P protocol 1x RS485/422: RJ45, VISCA/Pelco-D/Pelco-Protocol 1x RS422 out: RJ45, VISCA/Pelco-D/Pelco-Protocol
Horizontal Rotation Speed	0.1°~80°/S	SD Card	1 channel, MicroSD
Vertical Rotation Speed	0.1°~60°/S	RESTORE Button	Support

Landscape and Portrait Mode	Support	Power interface	JEITA type (DC IN 12V)
Image Freeze	Support	Optional interface	1x FULL NDI, RJ45; 1x Dante AV-H, RJ45 1x HDBaset, RJ45; 1x ST2110, SFP+ 1x SDVOE, SFP+
PoE	Support	General Specifications	
Preset Positions Number	255	Installation Direction	Standard; hanging
Preset Position Accuracy	0.1°	TALLY Light	2 (red and green)
USB Features		Power Indicator	1 (blue)
Support Operating System	Windows 7, 8, 10, Mac OS X, Linux, Android	Status Indicator	1 (green)
Color Space/Compression	YUY2 / H.264 / MJPEG / H.265	IR Remote Control Input	Support
Video Format	YUY2: Max 1440P@30fp H.264 AVC: Max 2160P@60fp H.265 HEVC: Max 2160P@60fps MJPEG: Max 2160P@60fps	Input Voltage	DC 12V / POE ++
USB Audio	Support	Input Current	3A (maximum)
USB Video Communication Protocol	UVC 1.1		
UVC PTZ Control	Support		