



Feature:

The camera features a brand-new **ROBOTIC** design structure, equipped with a **1/1.8"** next-generation **SONY sensor** and a **20X optical zoom lens**. It offers multiple interfaces, supporting **USB 3.0, HDMI 2.0, dual 3G-SDI, and NDI® | HX3** for professional-grade video transmission. The camera delivers **high-quality, ultra-low latency 4K UHD video** and supports **Tally lights, 360° infrared reception, and SRT protocol**. With built-in communication protocols, it seamlessly integrates into various control systems. It is widely used in **broadcast studios, lecture recording, remote conferencing, telemedicine, online training, courtrooms, command systems, and live event broadcasting**.

Specification:

Image Sensor	
Parameter	Specification
Sensor Type	1/1.8" CMOS
Effective Pixels	8.3 MP
Optical Zoom	20X
Digital Zoom	12X
Video Resolution	2160P60/59.94/50/29.97/25; 1080P60/59.94/50/30/29.97/25; 1080i60/59.94/50; 720P60/59.94/50
Focal Length	f = 7.1 ~ 141.3 mm
Horizontal Field of View	3.6°(T) ~ 59.2°(W)
Aperture Range	F1.61 ~ F5.19
Minimum Illumination	0.05 lux (F1.61)
Digital Noise Reduction	2D & 3D Digital NR
White Balance	Manual / Auto / Indoor / Outdoor / One-Push WB / 3000K / 4000K / 5000K / 6500K
Focus Mode	Manual / Auto
Iris Mode	Manual / Auto
Backlight Compensation	Levels 1-7 / Off

Image Adjustments	Brightness, Chroma, Saturation, Contrast, Sharpness
Interfaces	
Parameter	Specification
Video Interfaces	HDMI 2.0, 3G-SDI ×2 or 12G-SDI ×2, RJ45, USB 3.0, SDVoE (Optional)
Video Compression	H.264, H.265, MJPEG
Control Interfaces	RS-232 (with RS232 loop-out), RS-422 (with RS422 loop-out), RJ45 (UDP)
Control Protocols	VISCA / PELCO-D / PELCO-P / VISCA Over IP / ONVIF / UVC (USB only)
Communication Baud Rate	2400/4800/9600/19200/38400 bps
Audio Input	Dual-channel 3.5mm Line-in
Audio Compression	AAC, G711A, G711U
Network Interface	1000M Ethernet (10/100BASE-TX)
Network Protocols	RTSP, RTMP, ONVIF, NDI
Power Interface	DC-038 Power Socket (DC 12V)
Pan-Tilt Parameters	
Parameter	Specification
Pan Rotation Range	-173° ~ +173°
Tilt Rotation Range	-30° ~ +90°
Pan Rotation Speed	0.1 ~ 100°/s
Tilt Rotation Speed	0.1 ~ 80°/s
Preset Positions	Up to 255
Other Specifications	
Parameter	Specification
Power Adapter	Input: AC 100V~240V / Output: DC 12V / 2A
Input Voltage	DC 12V
Power Consumption	15W (Max)
Storage Temperature & Humidity	-10°C ~ +60°C / 20% ~ 95%
Operating Temperature & Humidity	-10°C ~ +50°C / 20% ~ 80%