

- **4K Ultra HD** Using a new generation of SONY 1 / 1.7 inch, the largest 12.4 million pixel high-quality UHD CMOS sensor, it can provide 4K (3840x2160) ultra-high resolution high-quality images, and downwards compatibility with 1080p, 720p resolution, etc.

- **HDMI 1.4/2.0 support**

Support HDMI 1.4/2.0 version, and output uncompressed 4K original video.

- **Very low latency**

Unique patent 4K video ISP program produce lowest video delay. It is the first choice for the industry with high real-time requirement.

- **High-speed interfaces**

Support HDMI, SDI (6G-SDI, 12G-SDI optional), and can output 4K video at the same time.

- **12X wide-angle lens**

Using high-quality ultra-wide focus lens, the maximum field of view up to 82 °, optical zoom up to 12 times.

- **Low Lighting**

High quality CMOS sensor and 2D/3D noise reduction can reduce image noise. The Image is still clear and sharp even in low light environment, and the SNR is high more than 55dB.

- **Remote control**

Using RS232/485 interface, all the parameters of the camera can be controlled remotely.

## Camera

Video System	4K@60fps(optional), 4K@59.94fps(optional), 4K@50fps(optional), 4K@30fps, 4K@29.97fps, 4K@25fps, 1080P@60fps, 1080P@59.94fps, 1080P@50fps, 1080I@60fps, 1080I@59.94fps, 1080I@50fps, 1080P@30fps, 1080P@29.97fps, 1080P@25fps, 720P@60fps, 720P@59.94fps, 720P@50fps, 720P@30fps, 720P@29.97fps, 720P@25fps
Sensor	1/1.7", CMOS, Max Effective Pixel: 1240M
Scanning Mode	Progressive
Lens	12x, f = 3.5mm ~ 42.3mm, F1.8 ~ F2.8
Digital Zoom	12x optical zoom, 16x digital zoom
Minimal Illumination	0.5Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual, Specified color temperature
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Video S/N	≥55dB
Horizontal Angle of View	82.6° ~ 8°
Vertical Angle of View	51.9° ~ 4.58°
Horizontal Rotation Range	±170°
Vertical Rotation Range	-30° ~ +90°
Pan Speed Range	1.0° ~ 26.2°/s
Tilt Speed Range	0.8° ~ 10.0°/s
H & V Flip	Support
Image Freeze	Support
NDI/PoE	support(optional)
Number of Preset	255
Preset Accuracy	0.1°

## Input/Output Interface

HD Output	1xHDMI: version 1.4 or 2.0 1xSDI: type BNC, 800mVp-p, 75Ω, SMPTE ST 2081-1, 292M, 424M standard
USB	1xUSB 3.0: type B
Network Interface	1xRJ45: 10M/100M Ethernet Interface 1xRS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P

Communication Interface	1xRS232 Out: 8pin Min DIN, Max Distance: 30m, VISCA Protocol network used only 1xRS485: 2pin Phoenix Port, Max Distance: 1200m, VISCA/Pelco-D/Pelco-P Protocol
Power Jack	JEITA type (DC IN 12V)

### General Specification

Input Voltage	DC 12V
Current Consumption	2.5A (Max)
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Power Consumption	30W (Max)
Size (W*H*D)	240mm x 173mm x 193mm
Net Weight	2.83Kg

### Information

Terms	Unit price (EXW Shenzhen)
<b>Price</b>	
Lead time	5~7 working days
Payment term	T/T
Warranty	1 year

