

12X Zoom 4K60fps HDMI/USB3.0

3G-SDI/IP Conference Camera



Key Features

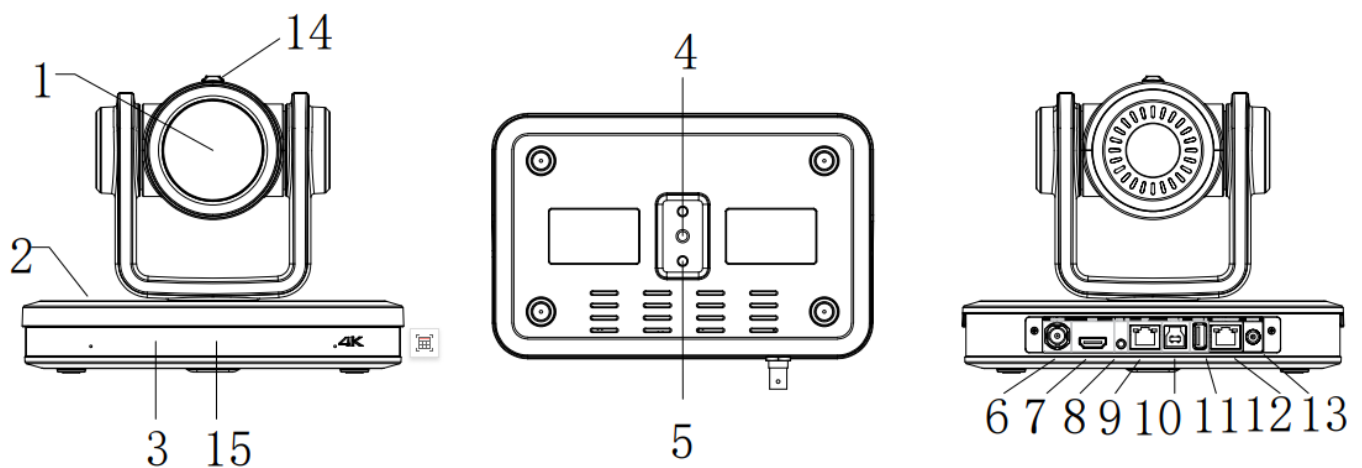
- 1/1.8" 4K(3840*2160)@60fps Exmor R CMOS Sensor
- 12X (3.4~40mm) Optical Zoom, 16X Digital Zoom
- 2D/3D noise reduction algorithm, wide dynamic range
- Horizontal rotation: $\pm 170^\circ$, Vertical rotation: $-30^\circ \sim +90^\circ$, Preset: 255
- HDMI: 4K60/50/30/25, 1080P60/50/30/25, 720P60/50;
- Network: 4K60/50/30/25, 1080P30/25, 720P30/25;
- USB3.0: 4K30/25, 1080P30/25, 720P30/25
- RS232, RS485, IP external control interface;
- 3G-SDI: 1080P60/50/30/25, 720P60/50;
- Network protocols: Supports ONVIF, RTSP, RTMP, VISCA OVER IP, IP VISCA, RTMPS, SRT protocols;
- Control interface: RS422 is compatible with RS485, RS232-IN, and RS232-OUT. The RS232 interface supports cascading
- With multi-function infrared remote control, easy to operate.
- Supports VISCA, PELCO-D, and PELCO-P protocols, and supports automatic identification protocols.
- Support auto-tracking, Defog, HDMI audio and video output simultaneously, Image freeze, Preset position cruise, POE&NDI(Optional)
- Work on Zoom, Facebook, Youtube, SKype, OBS, Potplyer,

Technical parameters

Model	
Model No.	SV-12X50EP4
Camera	
Signal system	3840*2160P60/50/30/25, 1080P60/50/30/25, 720P60/50
Image Sensor	1/1.8"8MP Exmor R CMOS Sensor
Scanning mode	progressive
Lens	12X Optical zoom, f=3.4-40mm
Digital zoom	16X
Minimum illumination	Supports ultra-low illumination, 0.1Lux@F1.6 (color), 0.01Lux@F1.6 (B&W)
Shutters	1/30s ~ 1/10000s
White balance	Automatic, Indoor, Outdoor, Manual
BLC	Support

Digital noise reduction	2D&3D Digital noise reduction
Signal-to-noise ratio	≥52dB
HOV	82.5°(Wide) ~ 7.8°(Far)
Horizontal rotation	±170°
Vertical rotation	-30° ~ +90°
Horizontal rotation speed	1 °/s ~ 100 °/s
Vertical rotation speed	1 °/s ~ 60 °/s
Mirror	Support Horizontal, Vertical
Preset	255
Preset Accuracy	±0.1°
I/O interface	
HDMI 2.0	4K60/50/30/25, 1080P60/50/30/25, 720P60/50
3G-SDI	1080P60/50/30/25, 720P60/50
USB 3.0	4K30/25, 1080P30/25, 720P30/25
USB 2.0	Reserved
Network Encoding	H.265/H.264
Network protocol	IPv4, TCP, UDP, HTTP, NTP, DNS, DHCP, RTSP, RTP, RTCP, RTMP, NDI(Optional),ONVIF, VISCA OVER IP
Communication interface	1 CH RS-232 IN, max. distance: 30 meters, VISCA/Pelco-D/Pelco-P protocol 1 CH RS-422, max. distance: 1200 meters, VISCA/Pelco-D/Pelco-P protocol
Power supply	JEITA Type (DC IN 12V) HEC3800
General	
Input voltage	AC110V-AC220V to DC12V/1.5A
Current	DC12V(DC11.5-DC12.5V)
Operating temperature	0°C ~+45°C
Storage temperature	-10°C ~ +60°C
Power consumption	24W(Max)
Size	215*150*166mm
Package Size	355mm*138mm*255mm
Weight (net)	3.5KG(1.6KG)

Interface diagram



1. Lens	6. 3G-SDI Interface	11. USB2.0 Interface(Reserve)
2. Camera	7. HDMI Interface	12. RS232/RS485 Interface
3. Remote Control Receiver,	8. LINE IN Interface	13. DC12V Interface

Power Indicator		
4. Mounting screw holes	9. Network Interface	14. TALLY LED
5. Mounting Positioning Holes	10. USB3.0 Interface	15. LED screen display

Size

