

20X Zoom 4K60fps HDMI/USB3.0

12G-SDI/IP Conference Camera



Key Features

- 1/1.8" 4K(3840*2160)@60fps Exmor R CMOS Sensor
- 20X (3.2~64mm) Optical Zoom, 16X Digital Zoom
- 2D/3D noise reduction algorithm, wide dynamic range
- Horizontal rotation: ±170°, Vertical rotation: -30° ~ +90°, Preset: 255
- HDMI:4K60/50/30/25/23.98, 1080P60/50/30/25/23.98, 720P60/50;
- Network (HX2-NDI Optional): 4K30/25, 1080P30/25, 720P30/25;
- USB3.0: 4K30/25, 1080P30/25, 720P30/25
- RS232, RS485, IP external control interface;
- 12G-SDI: 4K60/50/30/25/23.98, 1080P30/25/23.98, 720P30/25;
- Network protocols: IPv4, TCP, UDP, HTTP, NTP, DNS, DHCP, ARP, RTSP, RTP, RTCP, RTMP, NDI(Optional), ONVIF, VISCA OVER IP;
- HDMI, 3G-SDI, USB, NDI Synchronous output
- 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, with Tally Light, Defog, HDMI audio and video output simultaneously, Image freeze, Preset position cruise,
- Work on Zoom, Facebook, Youtube, SKype, OBS, Potplyer, AMCAP, etc.

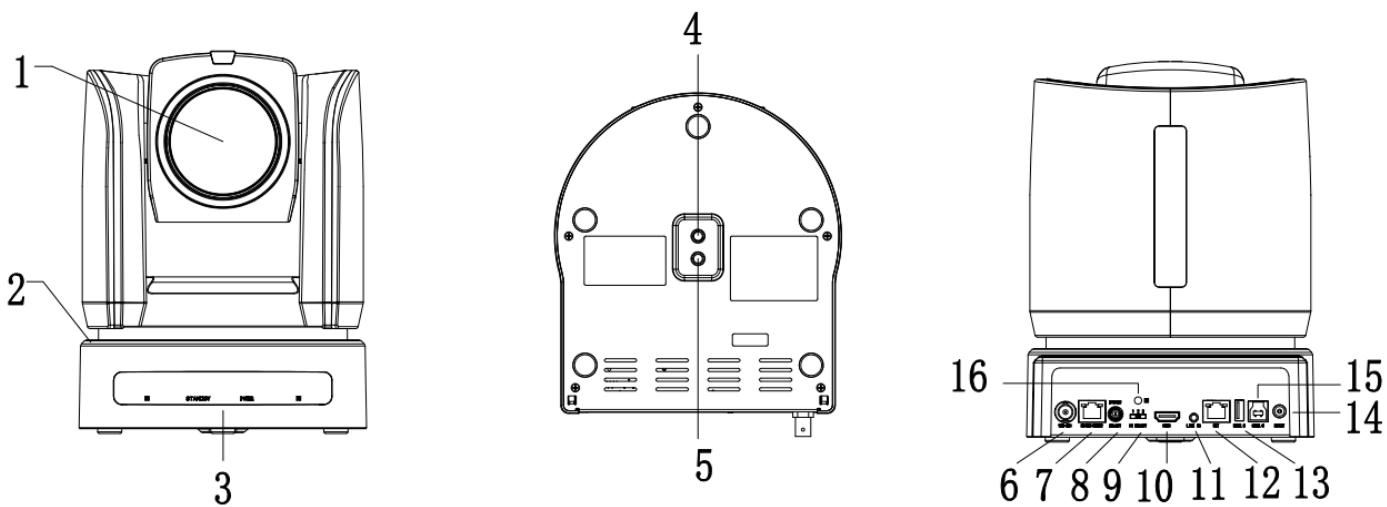
Technical parameters

Model	
Model No.	SV-20X60EP4
Camera	
Signal system	3840*2160P60/50/30/25/23.98, 1080P60/50/30/25/23.98, 720P60/50

Image Sensor	1/1.8"8MP Exmor R CMOS Sensor
Scanning mode	progressive
Minimum illumination	Supports ultra-low illumination, 0.1Lux@F1.8 (color)
Shutters	1/30s ~ 1/10000s
White balance	Automatic, Indoor, Outdoor, Manual
Exposure mode	Automatic, manual, aperture priority, shutter priority, etc
BLC	Support
Digital noise reduction	2D&3D Digital noise reduction
Signal-to-noise ratio	≥52dB
Lens	20X Optical zoom
Digital zoom	16X
HOV	80.5°(Wide) ~ 3.9°(Far)
Focal length	f=3.2-64mm
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°
USB interface	
Video compression	YUV/H.264/ MJPEG
Resolution & Frame Rate	H.264:(3840X2160, 1920×1080, 1280×720, 800*600, 640*480, 704*576, 320*240) 30fps MJPEG:(3840X2160,1920×1080, 1280×720,800*600,640*480,704*576,320*240) 30fps YUV: (1920×1080,1280×720) 30fps
Protocol	UVC1.1 UAC1.0
Control	Support zoom, pan-tilt control, adjustable parameters including brightness, contrast, hue, saturation, sharpness, exposure, focusing.
USB upgrade	Support USB upgrade
I/O interface	
HDMI 2.0	Max 4K60
12G-SDI	Max 4K60
USB 3.0	Max 4K30
Network Encoding	H.265/H.264/MJPEG
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
Audio interface	Line in X1
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	178*200*236.5mm

Weight (net)	4KG(3KG)
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Interface diagram



1. Lens	6. 12G-SDI Interface	11. LINE IN Interface
2. Camera	7. RS232/RS485 Interface	12. Network Interface
3. Remote Control Receiver, Power Indicator	8. Video format selection switch	13. USB2.0 Interface(Reserve)
4. Mounting screw holes	9. Infrared address jumper switch	14. DC12V Interface
5. Mounting Positioning Holes	10. HDMI Interface	15. USB3.0 Interface
		16. Infrared receiver

Size

