HD Conference Camera

VY-S820-12U/VY-S820-20U



Figure 1-1 Product Interface

Product Interface Description:

1. Lens	5. Tripod Mounting Screw Hole	9. HDMI Interface
2. Base	6. RS232 Control Interface (Input)	10. Audio Input
3. Remote Control Receiver Indicator	7. USB2.0 Interface	11. Network Interface
4. Bottom DIP Switch	8. USB3.0 Interface	12. DC12V Power Input Socket

Functional description:

1.Pixel: Adopts a high-quality 1/2.8-inch 2.07-megapixel image sensor, with a maximum resolution of 1920x1080 and an output frame rate of up to 60 frames per second.

2.Lens: Optical zoom is supported.

3.Audio and Video Interfaces: Equipped with a dual-channel 3.5mm linear input audio jack, supporting audio coding function. Standard USB and HDMI digital video interfaces are provided.

4.Network and Control: Features a 100M Ethernet port, supporting H.265/H.264 video compression, as well as RTSP, RTMP, ONVIF, and GB/T28181 protocols. It also supports the network VISCA control protocol, and enables remote upgrade, remote restart, and remote reset.

5.Video Formats: LAN interface supports H.264 and H.265; USB 2.0 interface supports MJPG, H.264, H.265, YUY2, and NV12.

Technical specifications:

Model	VY-S820-12U	VY-S820-20U
Lens	12x Optical Zoom	20x Optical Zoom
Image Sensor	1/2.8-inch High-Quality CMOS Sensor	
Effective Pixels	2.07 Million, 16:9	
Focal Length	f=3.9～46.8mm	f=5.05～91.49mm
Field of View	6.6° (Telephoto)~70.4° (Wide)	3.45° (Telephoto)~60.04° (Wide)
Aperture Range	F1.8 – F2.4	F1.8 – F2.9
Digital Zoom	10x	
Noise Reduction	2D & 3D Digital Noise Reduction	
Mirror/Flip	Supported	
HD Video Output	HDMI, LAN, USB3.0, USB2.0	
Audio Input	Dual-Channel 3.5mm Linear Input	
Network Interface	100M Ethernet Port, Supports Audio and Video Output	
Power Interface	HEC3800 Power Socket (DC12V)	
Horizontal Rotation	-170° ~ +170°	
Vertical Rotation	-30° ~ +90°	
Maximum Presets	255	
Operating Temperature	-10℃ ~ +50℃	
Mounting Methods	Wall Mount, Ceiling Mount (Inverted), Tripod Mount	
Power Consumption	12W	
Dimensions	150mm (L) × 150mm (W) × 167.5mm (H)	
Weight	1.4KG	