



MADE
IN TAIWAN
台灣製造

1080P 12X PTZ CAMERA



SUPERIOR OPTICS

Applies high quality HD CMOS sensor for the Full HD high resolution and excellent quality image.

12X OPTICAL AND 16X DIGITAL ZOOM

Applies high quality super telephoto lens, support 12x optical zoom, and 16x digital zoom.

PAN, TILT AND ZOOM CONTROLS

Support Pan Tilt and zoom control of the camera via the RS232/RS485 interface, IR remote control, web administration page, and USB PTZ.

LOW-LIGHT COMPENSATION

Applies High SNR of CMOS sensor combined with 2D and 3D noise reduction algorithm to reduce the noise effectively.

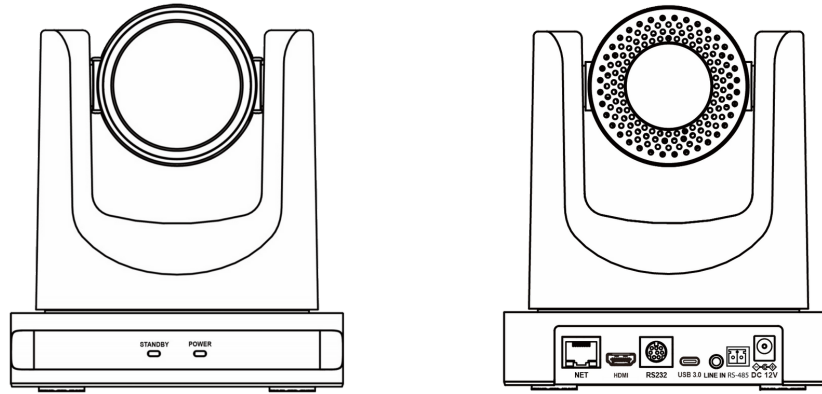
HDMI, IP AND USB VIDEO OUTPUT

Support video output via HDMI, USB3.0 and LAN for the flexible deployment.

VIDEO CONFERENCE, WIRELESS BYOM

Support USB video output for Windows, MAC and Linux to enable the high-quality video conference via laptop or the wireless BYOM solution.

Technical Specification:



Model	S12 Plus
Camera	
Video System	1080P@60/50/30/25fps, 1080I@60/50fps, 720P@60/50fps
Image Sensor	1/2.7", Low Noise CMOS Image Sensor
Lens characteristics (wide to tele)	12x optical zoom, f=3.5 mm to 42.3 mm, F1.8 to F2.8; Horizontal Field of View: 72.5° to 6.9°, Vertical Field of View: 44.8° to 3.9°
Video S/N, Minimal Illumination	≥55dB, 0.5 Lux @ (F1.8, AGC ON)
Advanced camera processing	Autofocus, White Balance (Auto, Indoor, Outdoor, One Push, Manual) Backlight Compensation, 2D&3D Digital Noise Reduction
Pan / Tilt Angle and Speed	Pan: ±170° rotation, speed: 1.7° to 100°/sec, Tilt: -30° to +90° rotation, speed: 1.7° to 69.9°/s
Camera Control Protocol	VISCA/Pelco-D/Pelco-P (RS-232/RS-485), VISCA over IP (RJ-45), ONVIF (RJ-45), UVC (USB)
USB Feature	
Operation System	Windows® 7, Windows 8.1, Windows 10 or higher macOS™ 10.10 or higher Google™ Chromebook™ 29.0.1547.70 or higher Linux
Color System / Compression	YUV 4:2:2 H.264 / MJPEG
USB Video Communication Protocol	UVC 1.0, PTZ Control.
IP Camera	
Video Compression	H.265/H.264/MJPEG
Video Bit Rate and Type	128Kbps ~ 8192Kbps, Variable and Fixed Rate
Audio Compression and Bit Rate	AAC, 48/64/96/128 Kbps
Support protocols	TCP/IP, HTTP, RTSP, RTMP, ONVIF, Multicast,
Interface	
Video Output	1xHDMI (1.4 version)
Audio Input/Output	1xLine In (3.5mm audio jack)
Network Interface	1xRJ-45 Ethernet (10M/100M)
USB Interface	1xUSB 3.0 (Type C)
Communication Interface	1xRS232 In (8pin Mini DIN), 1xRS485 (2pin Phoenix Port)
Power Jack	JEITA type (DC IN 12V)
General specification	
Input Voltage	DC 12V / POE(802.3af)
Power Consumption	12W (Max)
Temperature Range	Operating: -10°C ~ 40°C (14°F ~ 104°F) Storage: -40°C ~ 60°C (-40°F ~ 140°F)
Dimension (WxDxH)	144mm x 144mm x 168mm
Weight	1.17Kg
Inside the box	
Package	Camera, Power Adaptor, Remote Control, Quick Start Guide, Warranty Card

Specifications are subject to change without prior notice.
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