PeopleLink Elite XL Series 30x Camera

PeopleLink Elite XL 30x is designed for activities such as work presentations and business negotiations, the camera feature 1080P full HD telephoto lenses with 30× optical zoom, ensuring clarity at various distances. Equipped with AI automatic framing and humanoid tracking algorithms, the camera provide a professional and intelligent meeting experience without manual intervention.

Key Features

1080P Full HD

Utilizing a 1/2.8-inch, 2.07 million effective pixel HD CMOS sensor, these cameras achieve a maximum resolution of 1920×1080.

High-Quality Optical Zoom + HD Lens

Utilizes a high-quality ultra-high-resolution full HD telephoto lens with a maximum 30x optical zoom and a 60.7° horizontal FoV.

ISP Image Processing Algorithm

It uses ISP image processing algorithms to enhance white balance and automatic exposure functions, significantly improving the camera's image output. Widely applied in industries such as education recording, remote education, video conferencing, live streaming, and broadcasting.

Auto Focus

Incorporating advanced focusing algorithms, the lens achieves rapid, accurate, and stable focusing.

Key Features

Full Interface Low Latency

All video output interfaces meet low latency standards, supporting 4 simultaneous outputs, all capable of 1080P60.

AI Presenter Tracking

Equipped with in-house-developed ReID technology, the device identifies the speaker's figure, appearance, and outfit. As the speaker moves within the room, the camera automatically tracks them, ensuring the target remains centered. Even if there are interferences or the speaker exits the frame, the camera swiftly recaptures and tracks them upon reentry.

Support FULL NDI

Support FULL NDI, which allows the transmission of NDI-encoded videos. They are also backward compatible with NDI®|HX2 protocol, which requires lower network bandwidth and enables low-latency transmission of H.265/H.264 encoded videos.

▼ Audio

Microphone Array	Built-in dual microphones, 100Hz to 16KHz frequency response.
Analog Audio Input/Output	Support 3.5mm Line- In; Support 3.5mm Line-Out
Digital Audio Output	Support HDMI, USB, LAN, 3G-SDI etc

General Specifications

▼ Camera Spec

Sensor	1/2.8 inches, CMOS, Effective Pixels: 2.07 Megapixels
Lens	30x Optical Zoom
Focal Length	f4.42mm ~ 132.6mm, F1.8 ~ F2.8
Horizontal FOV	60.7° ~ 2.28°
Vertical FOV	34.1° ~ 1.28°
Scanning Mode	Progressive
Digital Zoom	16×
Minimum Illumination	0.5Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual, VAR
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
SNR	≥ 55dB
Pan Angle	±170°
Tilt Angle	−30° ~ +90°
Pan Speed	1.7° ~ 100° /s
Tilt Speed	1.7° ~ 69.9° /s
Image Flip	Support
Image Freeze	Support
Preset Position	255
Preset Accuracy	0.1°
Signal System	HDMI、3G-SDI: 1080P60，1080P59.94，1080P50，1080I60，1080I59.94，1080I50，1080P30，1080P29.97，1080P25，720P60，720P59.94，720P50
HD Output	1 x HDMI: Version 1.3; 1 x 3G-SDI: BNC , 800mVp-p, 75Ω, as per SMPTE 424M standard
Protocols	FULL NDI, NDI|HX2, TCP/IP, HTTP, RTSP, RTMP, RTMP(s), Onvif, DHCP, Multicast, ,SRT,GB/T28181 etc.

General Specifications

▼ I/O

Audio Interface	1 x Line In, 3.5mm Jack 1 x Line Out, 3.5mm Jack
Control Interface	**1x RS485:** 2pin phoenix port, Max Distance: 1200m, Protocol: VISCA / Pelco-D / Pelco-P; **1x RS232 IN:** 8pin Mini DIN, Max Distance:30m, **Protocol:** VISCA / Pelco-D / Pelco-P; 1 x RS232 OUT: 8pin Mini DIN, Max Distance: 30m, Protocol: VISCA only
Power Interface	JEITA type（DC IN 12V）

▼ Network Spec

Video Compression	H.264 / MJPEG
Video Stream	First Stream, Second Stream
First Stream Resolution	1920x1080, 1280x720, 1024x576 etc.
Second Stream Resolution	1280x720,1024x576,720x576 etc.
Video Bit Rate	32kbps~20480kbps
Bit Rate Control	VBR, CBR
Frame Rate	1fps ~ 60fps
Audio Compression	AAC
Audio Bit Rate	96Kbps，128Kbps，256Kbps

▼ USB Spec

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Operating System Supported	Windows 7 (only supports UVC1.1 features), Windows 8 and above version, Mac OS X, Linux 2.4.6 and above version, Android needs to include the version of UVC-related drivers
Color System / System / Compression	YUY2 / H.264 / MJPEG
Video Format	Support a variety of different frame rates and resolution video formats, up to 1080p60 YUY2 output
USB Audio	32K Sampling Rate，Support UAC2.0
USB Video Communication Protocol	UVC 1.1~1.5
UVC PTZ Control	Support

▼ Generic Spec

Input Voltage	DC 12V / PoE+（802.3at）
Input Current	1.5 A（Max.）
Operating Temperature	0° C ~ 40° C
Storage Temperature	-40° C ~ 60° C
Power Consumption	15W（Max.）
Dimension	142mm（W）×169mm（D）×175mm（H）
Net Weight	1.5kg

Application Scenarios

60.7°

Meeting room

60.7°

Conference room

60.7°

Classroom/Training room
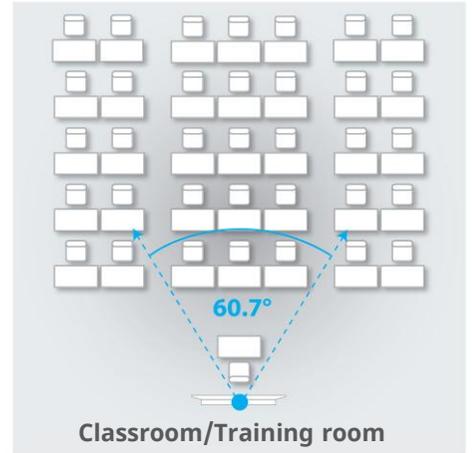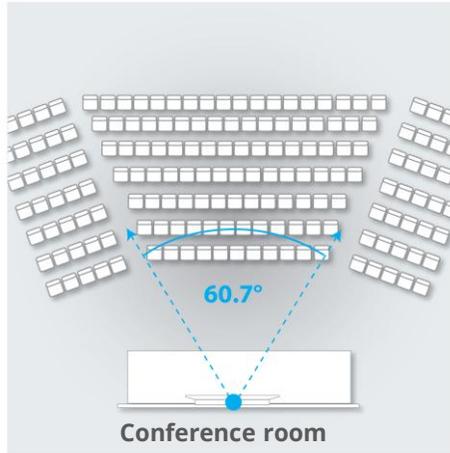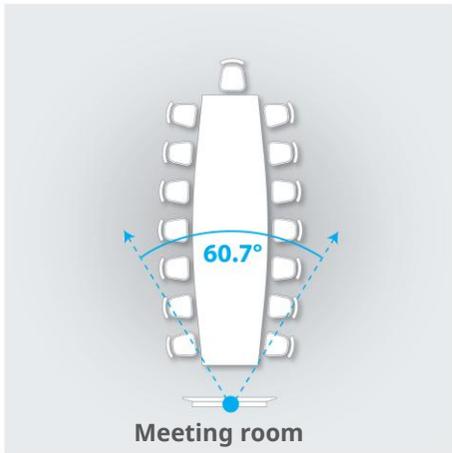
Disclaimer:- Room setup diagrams are provided for reference only. Actual room setup and size may vary as per requirements.

Connectivity

3.5mm Audio Cable (Not Supplied)

3.5mm Audio Cable (Not Supplied)

RS485 Cable (Not Supplied)

RS232 Cable (Supplied)

RS232 Cable (Not Supplied)

AC Adapter (Supplied)

DC 12V IN   Power Cable (Supplied)

USB Cable (Optional)

3G-SDI Cable (Not Supplied)

HDMI Cable (Not Supplied)

Network Cable (Not Supplied)

Computer, TV, VCR with
audio input jack,
Routers or Switches,
Speaker Microphone, etc.
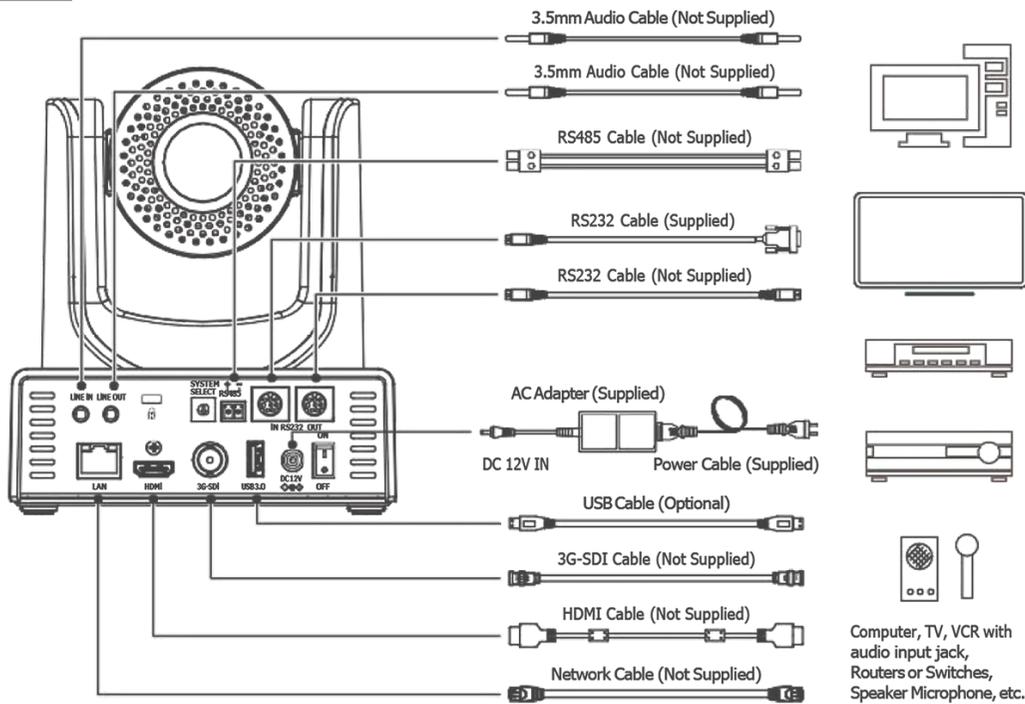
Ordering Information

Part code   :   **PPU-PVC-EPS-30X-8DX**

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