



V 1.2 - 122024

PeopleLink Elite XL Series 30x Camera



PeopleLink Elite XL 30x is a PTZ camera with image resolution up to 1080p60, 30x optical, a horizontal field of view of 60.7°, and horizontal and vertical pan speed of 100°/s. Camera rotation angles are ±170° horizontally, from -30° (down) to +90° (up) vertically, and there is a customizable white balance. It can be used upside down thanks to the image flip function. The device memorizes 255 presets—output Image Interfaces: IP, HDMI, 3G SDI, USB 3.0 type A. The camera is controlled via IR and interfaces RS-232, RS-485, Ethernet.

Key Features

- 1080P Full HD :** Equipped with 1/2.8", 2.07 million effective pixels high quality HD CMOS sensor, It can reach maximum 1920 x 1080 high resolution and achieve quality image.
- 60.7° Wide-angle Lens + 30x Optical Zoom :** Adopts a high-quality ultra-high-resolution full HD telephoto lens, supports a maximum of 30x optical zoom, a 35mm equivalent focal length of up to about 1010mm, and horizontal field of view of 60.7°.
- Electromechanical Head :** Built-in self-developed electromechanical head, the horizontal rotation range can reach ±170 °, the rotation speed range is 1.7°~ 100° /s; the vertical rotation range can reach -30°~ 90°, and the rotation speed range is 1.7°~ 69.9° /s.
- Multiple Interfaces, Low-Latency Output of all interfaces :** It supports 3G-SDI, HDMI, USB and network audio and video to output 1080P60 at the same time, and all video output interfaces meet the low-latency index.

Key Features

- **Uncompressed Professionally video output** : With HDMI 1.3 and 3G-SDI interface, it can directly output uncompressed digital video.
- **Low Illumination** : The application of 2D and 3D noise reduction algorithm greatly reduces image noise. Even under the condition of ultra-low illumination, it still keeps the picture clean and clear, and the SNR of image is as high as 55dB.
- **Remote Control** : Through the RS232 and RS485 serial ports and USB, the camera can be controlled remotely.
- **Leading Auto Focus Technology** : Lens can focus quickly, accurately, and stably using advanced focusing algorithms.
- **New Generation of ISP Image Processing Algorithm** : The new generation of ISP image processing algorithm provides a complete white balance and automatic exposure functions, It is which significantly improves the image output performance of the camera, and the imaging effect is also better. It is widely used in education for recording and broadcasting, distance education, video conferencing, live broadcasting, and other industries.
- **Upgraded AI Technology** : Using upgraded AI technology and pedestrian recognition technology, it can accurately determine the location of each person based on information such as pedestrian clothing, body shape, hairstyle, and face recognition, It can also realize automatic identification and tracking of target human figures, automatic frame selection, intelligent privacy for meetings, and blur function.
- **Exclusive Audio Processing Algorithm** : The exclusive audio processing algorithm can eliminate reverberation and background noise and supports EQ adjustment to optimize sound effects. This device supports dual mic pickup, which can also be connected to external microphones, wireless bees, etc., to meet the pickup needs of most scenarios.
- **1080P60 Full NDI (Optional)** : It supports 1080P60 Full NDI technology, which brings us ultra-low latency high-quality audio and video signal transmission, It can achieve unparalleled ultra-high resolution image quality that is closer to vision.

General Specifications

Main Features

Uncompressed Professional video output :

1080P60, 1080P59.94, 1080P50, 1080160, 1080159.94,
1080150, 1080P30, 1080P29.97, 1080P25, 20P60,
720P59.94, 720P50

Sensor : 1/2.8", CMOS

Effective Pixel: 2.07 Megapixels

Scanning Mode : Progressive

Zoom : 30x Optical Zoom

Focal length ; f4.42mm ~ 132.6mm, F1.8 ~ F2.8

Digital Zoom : 8X Digital Zoom

Minimal Illumination : 0.5 Lux @ (F2.0, AGC ON)

Shutter : 1/30s ~ 1/10000s

White Balance: Auto, Indoor, Outdoor, One Push,
Manual

Backlight Compensation : Support

General Specifications

Main Features

Digital Noise Reduction : 2D & 3D

SNR : ≥55dB

Horizontal FoV : 60.7° ~ 2.28°

Vertical FoV : 34.1° ~ 1.28°

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°

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.

Interface

USB Interface : 1x USB3.0, Type-A

HD Output : 1x HDMI: Version 1.3: 1x 3G-SDI: BNC, 800mVp-p, 75Ω, as per SMPTE 424M standard

Network Interface : 1x RJ45: 10M/100M/1000M adaptive Ethernet, Support PoE

Audio Interface : Built-in dual microphone, 1x Line In, 3.5mm Jack, 1x 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; **1x RS232 OUT**: 8pin Mini DIN,

Max Distance: 30m, **Protocol**: VISCA only

Power Interface : JEITA type (DC IN 12V)

Network Features

Video Compression : H.265 / H.264

Video Stream : First Stream, Second Stream

First Stream Resolution : 1920x1080, 1280x720, 1024x576 etc.

Second Stream Resolution : 1280x720, 1024x576, 720x576 etc.

Video Bit Rate : 32Kbps ~ 102400Kbps

Bit Rate Control : VBR, CBR

Frame Rate : 1fps ~ 60fps

Audio Compression : AAC

Audio Bit Rate : 96Kbps, 128Kbps, 256Kbps

Protcols : FULL NDI (Optional), NDI®|HX2 (Optional), TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast, SRT, GB/T 28181 etc.

USB Features

Operating System Supported : Windows 7 (only supports UVC.11 features), Windows 8 and above version, MacOS 10.5 and above version, Linux 2.4.6 and above version, Android needs to include the version of UVC related drives

Color System / Compression : YUY2, H.264 / MJPEG

Signal System : Support variety of video formats with different frame rates and resolutions, up to 1080p/60 YUY2 output

USB Video Communication : UVC1.1 and UVC1.5

USB Audio : 32K Sampling Rate, Support UAC2.0

UVC PTZ Control : Support

General Specifications

Input Voltage : DC 12C/PoE (802.3af)

Input Current : 1.0A (Max)

Operating Temperature : 0 ~ 40°C

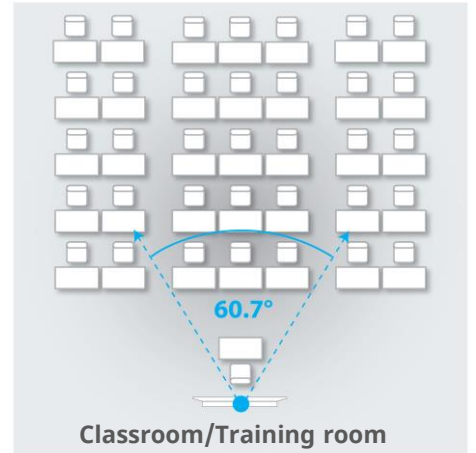
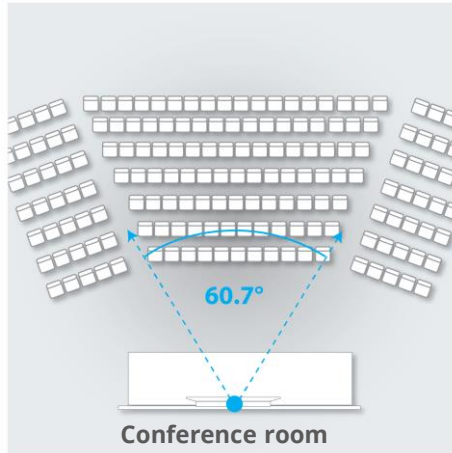
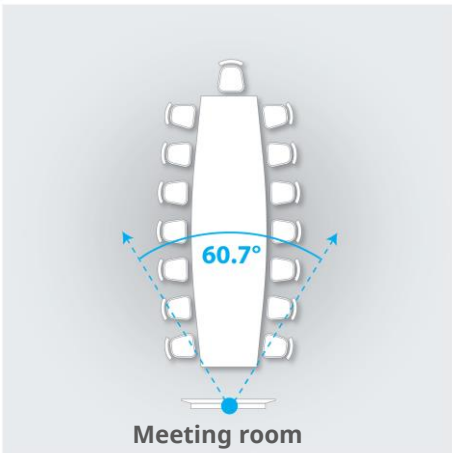
Storage Temperature : -40 ~ 60°C

Power Consumption : 12W (Max)

Dimension : 169mm x 142mm x 164mm

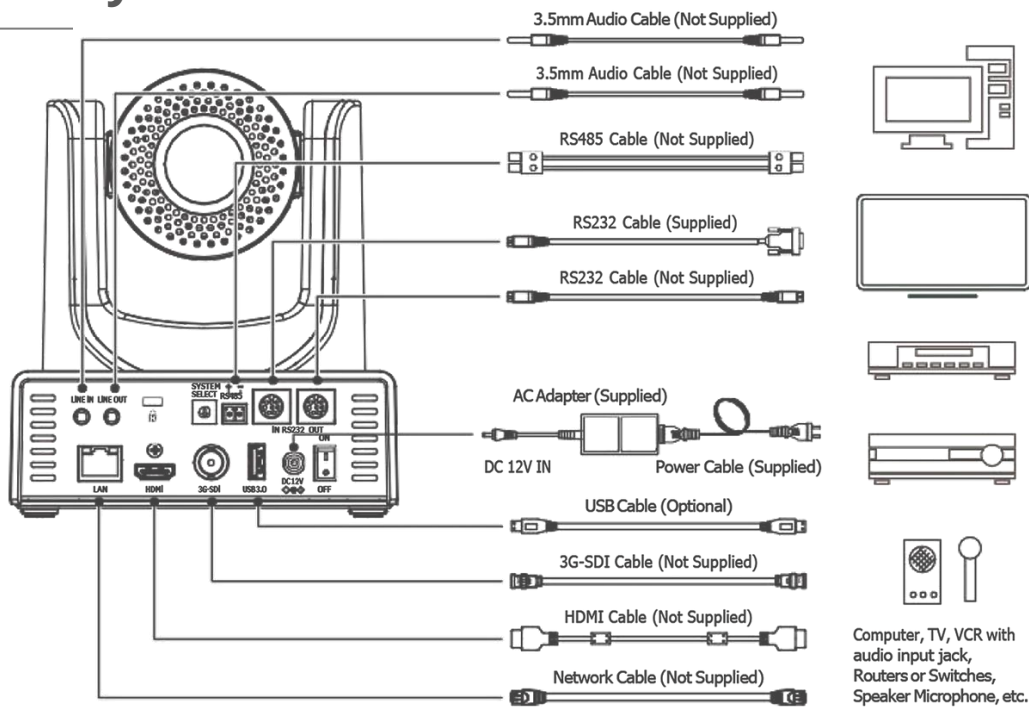
Net Weight : 1.35Kg

Application Scenarios



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

Connectivity



Ordering Information

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

LEARN MORE

For more information on Elite XL 30x Camera [Click Here](#)

SALES AND INQUIRIES

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