



V1.1 - 082024

PeopleLink Elite 4K 12x Camera


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PeopleLink Elite 4K 12X cameras for boardrooms. Elite 4K provides 4K (3840 x 2160) @60fps high-quality images with ultra-high resolution. The Pant/Tilt and Zoom features can be controlled with a remote, allowing this camera to have a coverage of an 80-degree angle. The 12X optical and 16X digital zoom feature helps capture every minute detail, including facial expressions and gestures. The auto-brightness feature adjusts the brightness based on the available lighting conditions to ensure better video quality.

Key Features

- **UHD 4K Resolution** : Adopts a new generation of SONY 1/2.5 inch high quality UHD CMOS sensor with a maximum of 8.4 million pixels, which can achieve 4K (3840 x 2160) high quality images with ultra-high resolution. And downward compatible with 1080P, 720P and other resolutions.
- **12X Optical Zoom** : Adopt high quality real 8 million ultra-high resolution 4K ultra-telephoto lens, 12X optical zoom, the maximum field of view over 80°.
- **HDMI 2.0** : Support HDMI specification, can directly output 4K uncompressed digital video.
- **Low Power Sleep function** : Supports low power sleep/wake, power consumption is less than 400mW in sleep state.
- **Presenter Tracking** : Seamless tracking of the presenter.
- **Low Illumination** : The new CMOS image sensor with ultra-high SNR can effectively reduce the image noise under the condition of low illumination. At the same time, the 2D and 3D noise reduction algorithms can greatly reduce the image noise. Even under the condition of ultra-low illumination, the picture is still clean and clear, and the image signal-to-noise ratio reaches over 55dB.
- **Remote Control** : Various control mode, can use RS232, RS485, network and USB, can control the camera.
- **Built-in Gravity Sensor** : Support image automatic flip function, convenient installation and engineering use.
- **Smart Exposure** : Effectively solve the impact of projection, TV and other equipment on the recording of characters.

General Specifications

Camera :

Video System : 4K@60fps, 4K@59.97fps, 4K@50fps, 4K@30fps, 4K@25fps, 4K@29.97fps, 1080P@60fps, 1080P@50fps, 1080I@60fps, 1080I@50fp, 1080P@30fps, 1080P@59.94fps, 1080I@59.94fps, 1080P@29.97fps, [720P@60fps, 720P@59.94fps](#)

Sensor : 1/2.5 inch, CMOS, effective pixels: 8.4M

Scanning Mode : Progressive

Optical Zoom : 12X

Digital Zoom : 16X

Lens : Focus 3.47mm ~41.65mm, F 1.84 ~ F 3.72

Horizontal Angle of View : 80.8° ~ 7.5°

Vertical Angle of View : 49.9° ~ 4.3°

Minimal Illumination : 0.5 Lux @ (F1.8, AGC ON)

Shutter : 1/30s ~ 1/10000s

White Balance : Auto, indoor, outdoor, one-push, manual

Backlight Compensation : Support

Digital Noise Reduction : 3D

Camera :

Video S/N : ≥55dB

Horizontal Rotation Range: ±170°

Vertical Rotation Range: -30° ~ +90°

Pan Speed Range : 1.7° ~ 100°/s

Tilt Speed Range : 1.7° ~ 69.9°/s

H & V Flip : Support (built-in gravity sensor)

Image Freeze : Support

Local Storage : Support

Number of Preset : 255

Preset Accuracy : 0.1°

USB Featured

Operate System : Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android

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

Video Format : YUY2: Max 1080P@60fps, H.264 AVC: Max 2160P@60fps, H.264 SVC: Max 2160P@60fps

MJPEG : Maximum 4 k @ 30 FPS

Audio on USB : Support

USB Video Communication : UVC 1.1~1.5

Network Features

Video Compression : H.265/H.264/MJPEG

Video Stream : Mainstream, Sub stream

Mainstream Resolution : 3840 x 2160, 1920 x 1080, 1280 x 720, 1024 x 576, etc

Sub Stream Resolution : 720 x 576, 720 x 480, 320 x 240, etc

Video Bit Rate : 32kbps~102400kbps

Bit Rate Type : Variable bit rate, fixed bit rate

Frame Rate : 50Hz: 1fps~50fps, 60Hz:1fps~60fps

Audio Compression : AAC, G711

Audio Bit Rate : 48Kbps, 64Kbps, 96Kbps, 128Kbps

Support protocols : NDI® | HX, TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, multicast, etc

Input/Output Interface

HD Output : 1x HDMI: Version 2.0, 1x 3G-SDI: BNC type, 800mVp-p, 75Ω, along to SMPTE 424M standard

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

Audio Interface : 1x 3.5mm audio interface, Line in

USB : 1x USB3.0, type-c

Communication Interface : **1xRS232 In**: 8pin Min DIN,

Max Distance: 30m, **Protocol**: VISCA/Pelco-D/Pelco-P

1xRS232 Out: 8pin Min DIN, **Max Distance**: 30m,

Protocol: VISCA network use only

1xRS485: 2pin Phoenix Port, **Max Distance**: 1200m,

Protocol: VISCA/Pelco-D/Pelco-P (optional)

RESTORE button : Support

Power Jack : JEITA type (DC IN 12V)

Generic Specification

Tally light : Support (red and green light)

Status indicator : 1 (green)

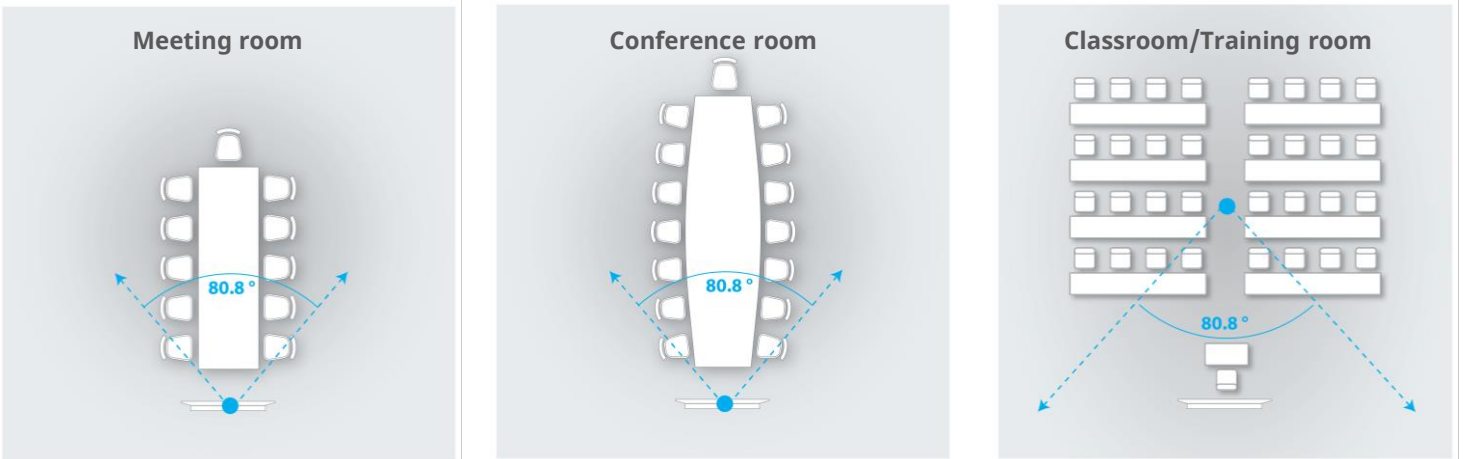
Operating Temperature : 0°C ~ 40°C

Storage Temperature : -40°C ~ 60°C

Power indicator : 1 (blue)

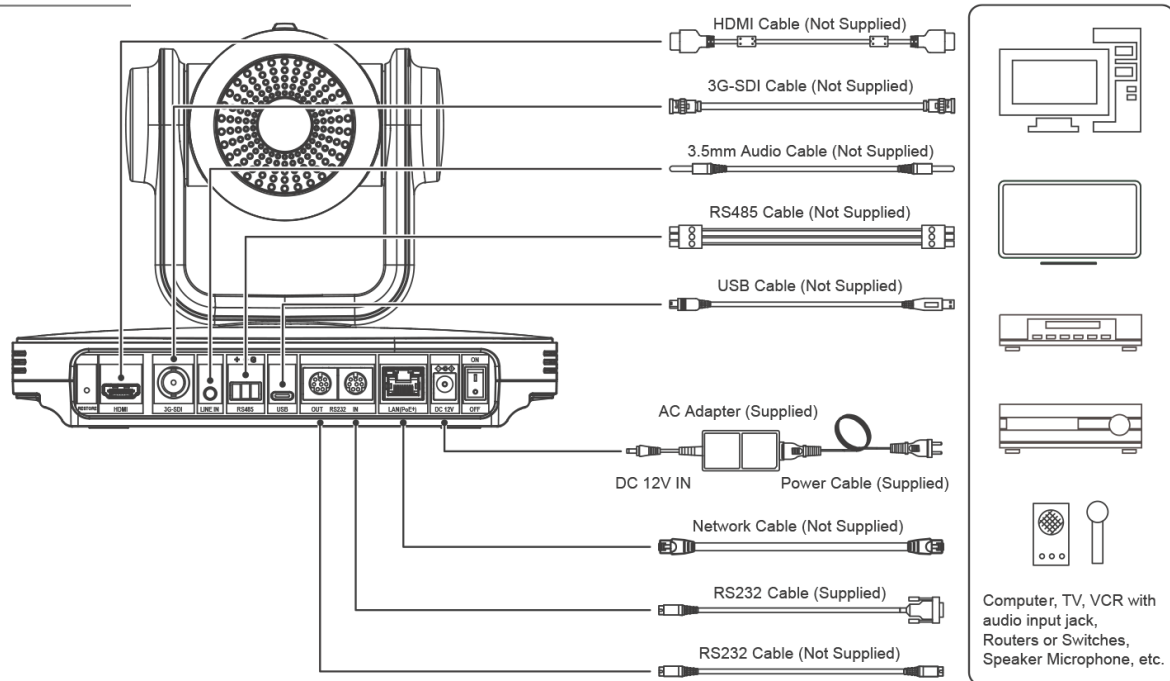
Input Voltage : DC 12V / POE

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-FHD-4k-12X**

LEARN MORE

For more information on Elite 4K 12x Camera [Click Here](#)

SALES AND INQUIRIES

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