



PeopleLink Elite FHD Pro 12x



PeopleLink EliteFHD Pro Series are cameras for boardrooms. The Pant/Tilt and Zoom features that can be controlled with a remote and allow this camera to have a coverage of up to 72.5 degree wide angle. The 12X Optical Zoom and 16X Digital zoom feature helps in capturing every minute detail including the facial expressions and gestures. The auto-brightness feature adjusts the brightness based on the available lighting conditions to ensure better video quality.

Key Features

- Full Function USB Interface :** Full function USB interface, compatibility USB Type-C, support audio, support compressed video output, support UVC V1.1~V1.5 protocol.
- 1080P Full HD :** Apply Panasonic's 1/2.8 inch, 2.07 million effective pixels high quality HD CMOS sensor, can reach maximum 1920 x 1080 high resolution and achieve quality image.
- Ultra-high Frame Rate :** The output frame rate up to 60fps in 1080P.
- 72.5° Wide-angle Lens + 16x Digital Zoom :** Use 72.5° wide-angle high quality lens, support 12x optical zoom, and 16x digital zoom.
- Low-Light:** High SNR of CMOS sensor combined with 2D and 3D noise reduction algorithm, effectively reduce the noise, even under low illumination conditions, picture can still keep clean and clear. The image signal-to-noise ratio is up to 55dB or more.

Key Features

- **Remote Control:** Multiple controlling method, RS232, RS485, network and USB interface support for remote controlling.
- **H.264 Slice/ H.264 SVC Support Support :** Slice and SVC encoding mode, adapts to video conference of advance USB application.
- **Dual stream (optional) :** Support two stream output (YUY2, MJPEG, H.264 each of both), reduce the host codec pressure.
- **Multiple interfaces :** Support HDMI, USB Type-C and LAN interface can output HD video at the same time.
- **Three power supply methods :** Supports USB 5V power supply, 12V power adapter power supply and PoE power supply

General Specifications

Video System : 1080P60, 1080P50, 1080P30, 1080P25, 720P60, 720P50

Sensor : 1/2.8", CMOS, Effective Pixel: 2.07M

Scanning Mode : Progressive

Lens : f3.5mm ~ 42.3mm, F1.8 ~ F2.8

Optical Zoom : 12X Optical Zoom

Digital Zoom : 16x Digital Zoom

Horizontal Angle of View : 72.5° ~ 6.9°

Vertical Angle of View : 44.8° ~ 3.9°

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

Shutter : 1/30s ~ 1/10000s

White Balance : Auto, 3000K/Indoor, 4000K, 5000K/Outdoor, 6500K_1, 6500K_2, 6500K_3, One Push, Manual

Backlight Compensation : Support

Digital Noise Reduction : 2D&3D Digital Noise Reduction

Video S/N : ≥55dB

Horizontal Rotation Range : ±170°

Vertical Rotation Range : -30° ~ +90°

Pan Speed Range : 2.7° ~ 35.7°/s

Tilt Speed Range : 2.7° ~ 31.5°/s

Camera :

H & V Flip : Support

Image Freeze : Support

Number of Presets : support

Preset Accuracy : 0.1°

USB Featured

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

Color System / : YUV / H.264 / MJPEG

Video Format : YUY2 (ISOC): max to 1080P@60fps , H.264 AVC: max to 1080P@60fps , H.264

SVC(optional): max to 1080P@60fps

MJPEG: max to 1080P@60fps

Audio on USB : Support

USB Video Communication Protocol : UVC 1.1~1.5

UVC PTZ : Support

General Specifications

Network Features

Video Compression : H.264/MJPEG

Video Stream : Main Stream, Sub Stream

Main Stream Resolution :

1920x1080,1280x720,1024x576,960x540,640x480,640x360

Sub Stream Resolution :

1280x720,1024x576,720x480,720x408,640x360,320x240, 320x180

Video Bit Rate : 32Kbps ~ 102400Kbps

Bit Rate Type : Variable Rate, Fixed Rate

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

Audio Compression : AAC

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

Support protocols : TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast, etc.

Input/Output Interface

USB interface : 1xUSB Type-C jack

HD Output : 1xHDMI

Network Interface : 1xRJ45: 10M/100M Ethernet Interface

Input/Output Interface

Audio Interface : 1xLine In, 3.5mm Audio Interface

Communication Interface :

1xRS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P

1xRS485: 2pin Phoenix Port, Max Distance: 1200m, Protocol: VISCA/Pelco-D/Pelco-P

Power : JEITA type (DC IN 12V) / Type C

Generic Specification

Input Voltage : DC 12V

Current Consumption : 12V 1.0A(MAX)/5V 1.5A(MAX)

Operating Temperature : 0°C ~ 45°C

Storage Temperature : -40°C ~ 60°C

Power Consumption : 12W (MAX)

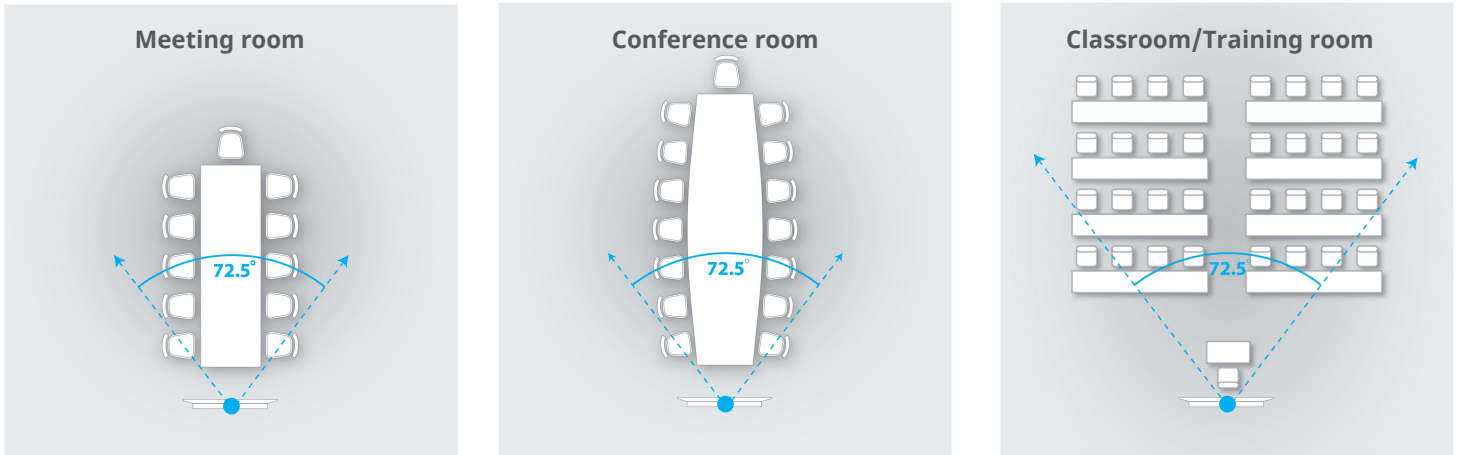
MTBF : >30000 hours

Size : 144mm x 144mm x 167.9mm

Net Weight : 1.28KG

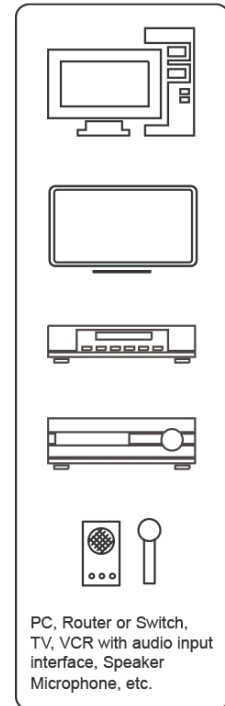
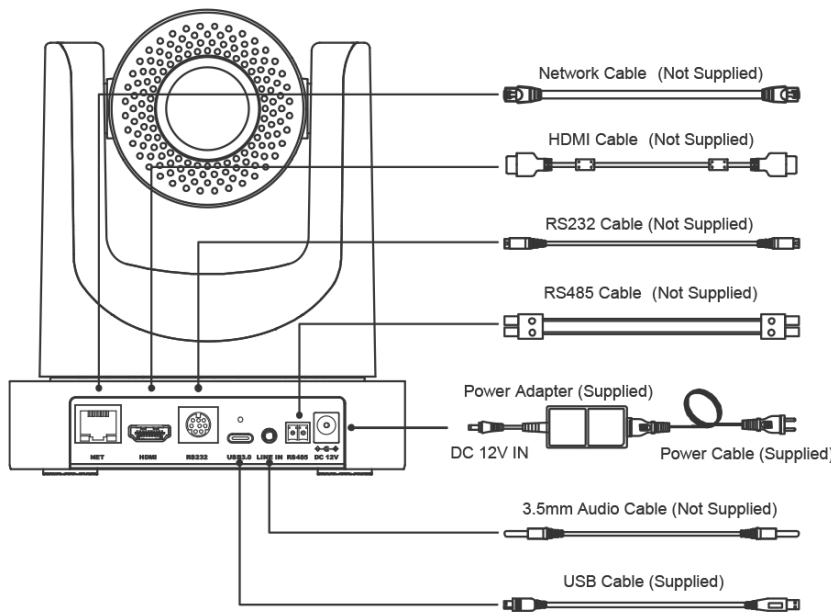


Application Scenarios



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

Connectivity



Ordering Information

Part code : **PPU-PVC-EPS-12X-16DX**

LEARN MORE

For more information on Elite FHD Pro 12x Camera [Click Here](#)

SALES AND INQUIRIES

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