



Elite FHD Pro Series 12X

PeopleLink Elite FHD Pro Series are cameras for boardrooms. The Pant/Tilt and Zoom features that can be controlled with a remote and allow these 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.

Product 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

Product 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.

Product 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 Preset	:	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 YUY2 (ISOC): max to 1080P@60fps
Video Format	:	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

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

PACKAGING INFORMATION

Ordering Information

Elite FHD Pro Series 12X : **PPU-PVC-EPS-12X-16DX**

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