



Elite 4K 12X Camera

PeopleLink Elite 4K 12X cameras for boardrooms. Elite 4K provides 4K (3840x2160) @60fps high quality images with ultra-high resolution. The Pant/Tilt and Zoom features that can be controlled with a remote and allow this camera to have a coverage of 80 degree 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

- **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 (3840x2160) 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.

- **Local storage**

Support local storage function, without NVR can achieve U disk local direct recording.

Product Features

- **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 use of engineering

- **Smart exposure**

Effectively solve the impact of projection, TV and other equipment on the shooting of characters

Product SPECIFICATIONS

Camera :

Elite 4K 12X

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
Zoom	:	12X
Digital Zoom	:	16x Digital Zoom
Lens	:	f = 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 Digital Noise Reduction

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
UVC PTZ	:	Support

Network Features

Video Compression	:	H.265/H.264/MJPEG
Video Stream	:	Main stream, sub stream
Main Stream Resolution	:	3840x2160, 1920x1080, 1280x720, 1024x576, etc
Sub Stream Resolution	:	720x576, 720x480, 320x240, 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 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)	Power indicator	:	1 (blue)
Status indicator	:	1 (green)	Input Voltage	:	DC 12V / POE
Operating Temperature	:	0°C ~ 40°C			
Storage Temperature	:	-40°C ~ 60°C			

PACKAGING INFORMATION

[Ordering Information](#)

Elite FHD 4K 12X: **PPU-PVC-FHD-4k-12X**

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