



V 1.0 - 032024

PeopleLink iCam FHD 1080p 10X (H.264)



PeopleLink iCam FHD 1080p 10X (H.264) delivers instant, real-time, face-to-face experience through its robust design that enhances your collaboration experience. It provides excellent productivity benefits to transform your business. iCam seamlessly connects with your PC / Laptop over USB, so now conduct your large room meetings more ideally, capture real-time speaker expressions and reactions, and effectively communicate with your dispersed teams, partners & customers.

Key Features

- **Full Function USB Interface :** Full function USB interface, support audio, support compressed video output.
- **1080P Full HD :** 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 30fps in 1080P.
- **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.
- **Remote Control :** Using RS232 all the parameters of the camera can be remote controlled by the high speed communications.
- **H.264 Slice/ H.264 SVC Support :** Support Slice and SVC encoding mode, adapts to video conference of advance USB application.
- **Dual stream :** Support two stream output (YUY2, MjPEG, H.264 each of both) reduce the host codec pressure.
- **Dual power supply**

General Specifications

Camera

Video System 1080P, 720P, 540P, 480P, 360P, 240P etc.

Sensor : 1/2.7", CMOS, Effective Pixel: 2.07M

Scanning Mode : Progressive

Lens : f4.7mm ~ 46.3mm, F1.8 ~ F2.8

Optical Zoom : 10X

Digital Zoom : 16x

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

Backlight Compensation : Support

Color Optimization : Support

Auto flicker and Auto focus : Support

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

Video S/N : ≥55dB

Horizontal Field of View : 55° Degrees

Vertical Field of View : 42° Degrees

Diagonal Field of View : 68° Degrees

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

H & V Flip : Support

Image Freeze : Support

Number of Preset : 255

Preset Accuracy : 0.1°

USB Features

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

Color System : YUV 4:2:2 / H.264 / MJPEG

Video Format : H.264 AVC: max to 1080P@30fps,
H.264 SVC: max to 1080P@30fps
MJPEG: max to 1080P@30fps

USB Video Communication Protocol : UVC 1.0

UVC PTZ : Support

Remote : IR Remote

Input/Output Interface

USB Interface : 1xUSB2.0: Type B female jack

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

Power Jack : JEITA type (DC IN 12V)/USB B type (DC IN 5V)

Generic Specifications

Input Voltage : DC 12V

Current Consumption : 0.5A (Max)

Operating Temperature : -10°C ~ 40°C (14°F ~ 104°F)

Storage Temperature : 40°C ~ 60°C (-40°F ~ 140°F)

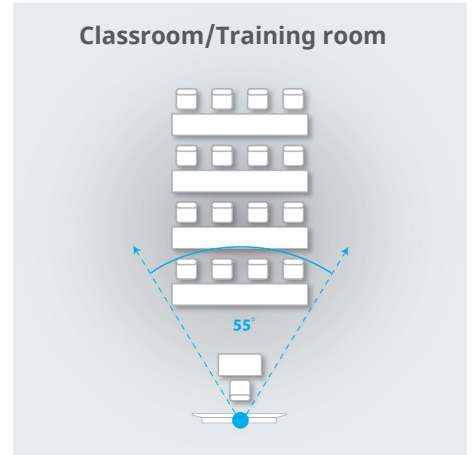
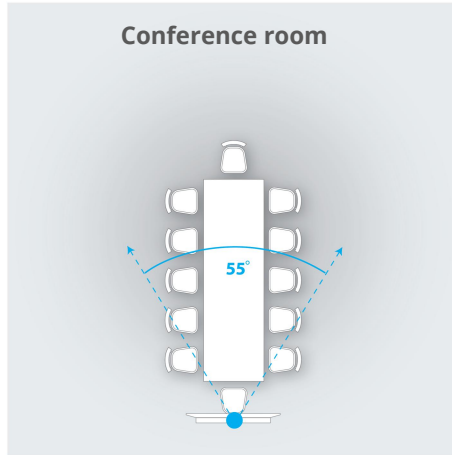
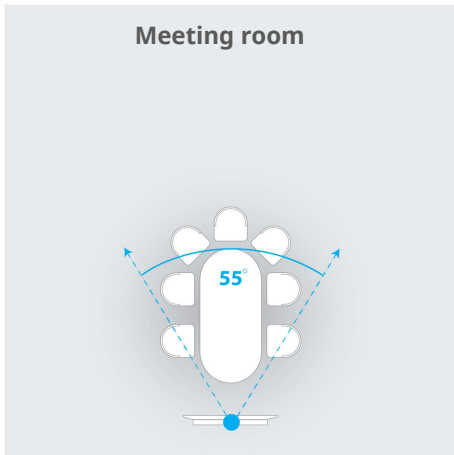
Power Consumption : 5W (Max)

MTBF : >30000h

Size : 141.3mm x 153mm x 163.6mm

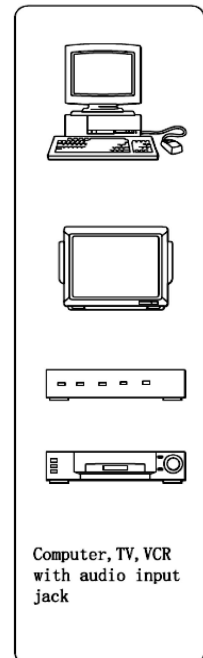
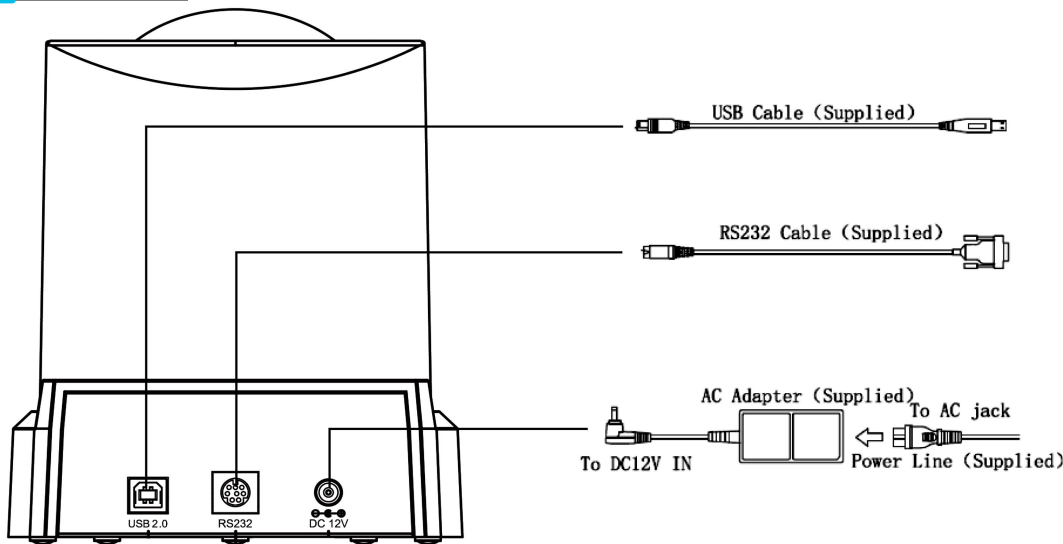
Net Weight : 1.153 KG

Application Scenarios



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

Connectivity



Ordering Information

Contents : Camera, Power Adapter, IR remote, USB Cable, User Manual

Part code : PPU-PVC-FHD-H264-10X

LEARN MORE

For more information on **FHD 1080p 10X (H.264)** [Click Here](#)

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