



V 1.1 - 102024

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


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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. 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 both) reduce the host codec pressure.
- **Dual power supply**

## General Specifications

### Camera

**Video System** 1080P, 720P, 540P, 480P, 360P, 240P

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

**Scanning Mode** : Progressive

**Focal length** : 4.7mm ~ 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°

**Vertical Field of View** : 42°

**Diagonal Field of View** : 68°

**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

**Horizontal & Vertical 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** : 1 x USB2.0: Type B female jack

**Audio Interface** : 1 x RS232 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)

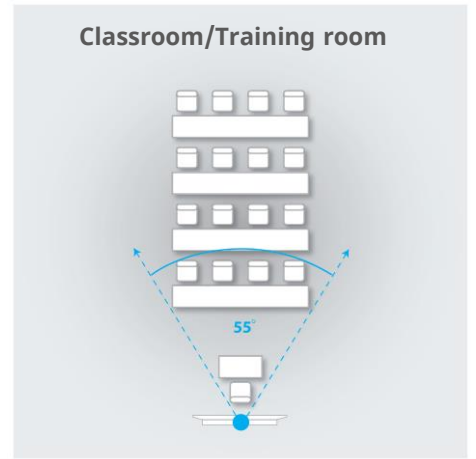
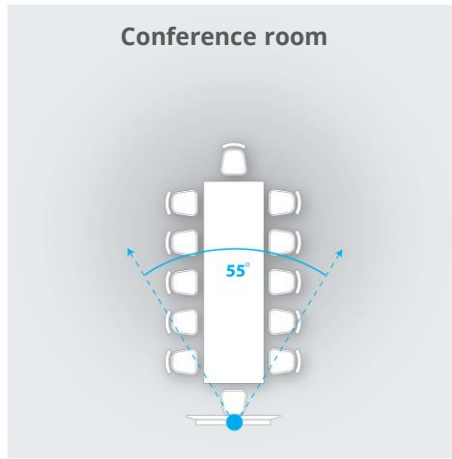
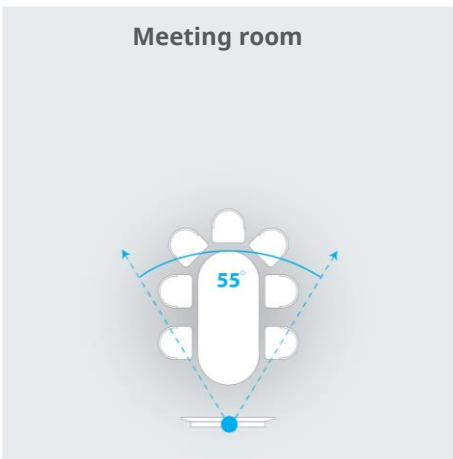
**Power Consumption** : 5W (Max)

**MTBF** : >30000h

**Size** : 141.3mm x 153mm x 163.6mm

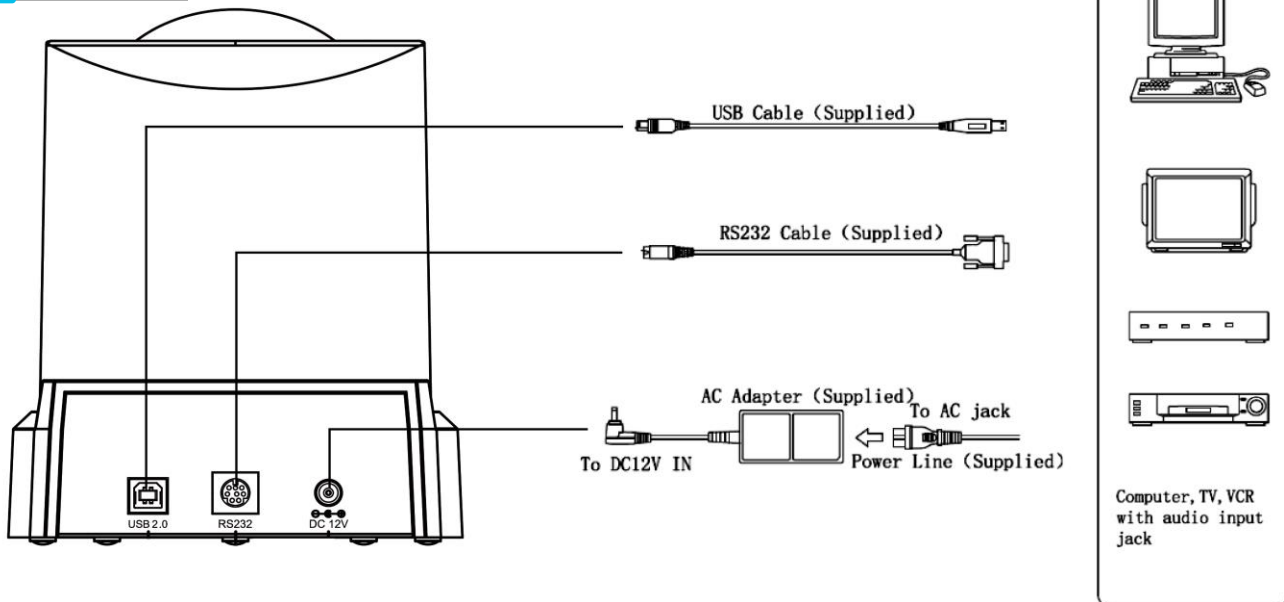
**Net Weight** : 1.153 KG

## 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**

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

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