V 1.1 - 082024

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 in1080P.

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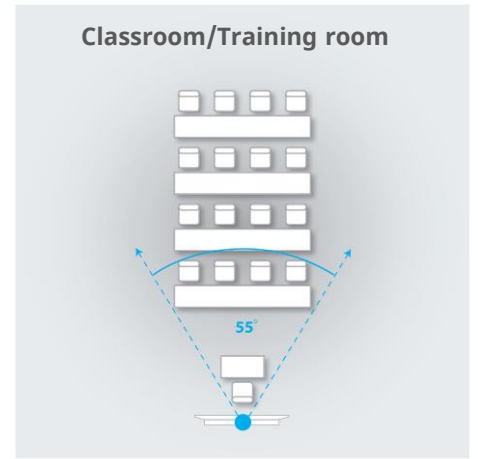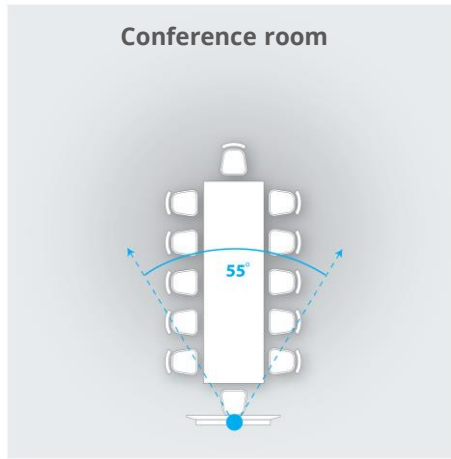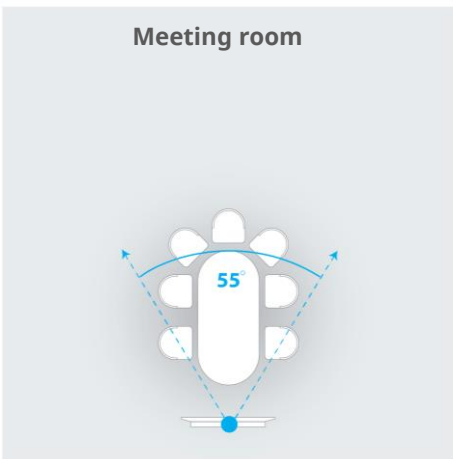
Storage Temperature : 40°C ~ 60°C (-40°F ~ 140°F)

Power Consumption : 5W (Max)
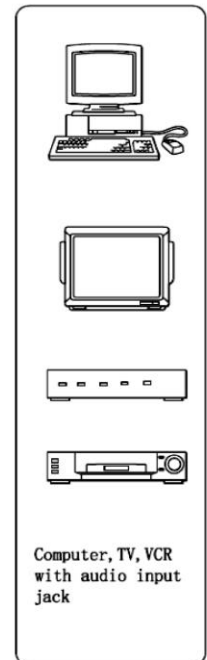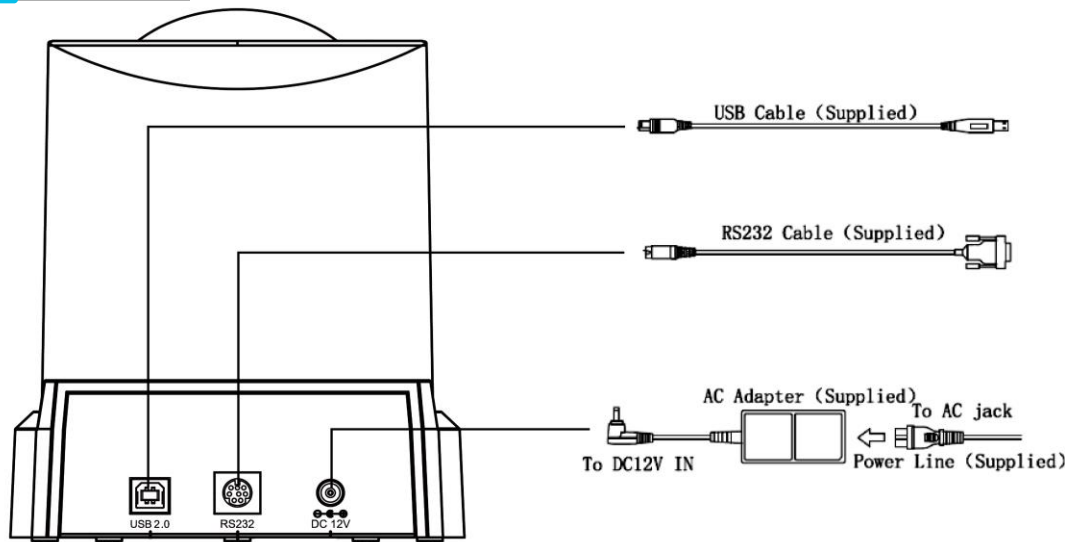
MTBF : >30000h

Size : 141.3mm x 153mm x 163.6mm

Net Weight : 1.153 KG

Application Scenarios

Meeting room	Conference room	Classroom/Training room
55°	55°	55°

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

Connectivity

USB Cable (Supplied)

RS232 Cable (Supplied)

AC Adapter (Supplied) To AC jack
To DC12V IN   Power Line (Supplied)

USB 2.0   RS232   DC 12V

Computer, TV, VCR
with audio input
jack

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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