



V 1.0 - 042025

PeopleLink iCam FHD 3X



PeopleLink iCam FHD 3X is a highly cost-effective video conferencing camera designed specifically for small enterprise meeting scenarios. With a compact body the size of a palm, it features a 1/2.9 high quality CMOS sensor that delivers 1080P HD image quality, it is equipped with various AI video algorithms, providing an outstanding video communication experience

Key Features

- **USB Plug-And-Play**

With just a single USB cable, it enables audio and video transmission as well as camera power supply, offering a hassle-free deployment experience.

- **1080p + 3x Optical Zoom**

Using a new generation HD CMOS sensor, it delivers a Full HD 1080P video experience, combined with 3X optical zoom, ensuring clear images for both panoramic and close-up shots.

- **Wide Field of View**

It features a 90° ultra-wide-angle lens that supports $\pm 170^\circ$ horizontal and -30° to $+90^\circ$ vertical rotation, capturing the entire meeting space without blind spots.

- **3m Pickup Distance**

It has two built-in microphones with a pickup distance of up to 3m, eliminating the need for additional audio pickup devices and enabling simultaneous audio and video recording.

- **ToF Fast Autofocus**

Equipped with Time-of-Flight (ToF) laser focusing technology, it achieves rapid autofocus, keeping the subject in focus at all times, ensuring clear and stable image quality.

- **Presenter Tracking With AI Technology**

The built-in Video AI algorithms can recognize the positions of meeting participants and automatically adjust the camera's field of view to capture the best composition.

- In single-person shooting mode, the camera automatically tracks and focuses on the moving target.

- **Versatile Installation**

It supports both desktop installation and tripod installation, meeting the diverse installation needs of meetings and live streaming scenarios.

General Specifications

Camera

Sensor: 1/2.9-inch, CMOS, Megapixels: 2.07M
Scanning Mode: Progressive
Lens: f3.41mm ~ 10.33mm, F1.66 ~ F3.03
Optical Zoom: 3X
Digital Zoom: 16x
Minimum Illumination: 0.5 Lux @ (F1.8, AGC ON)
White Balance: Auto, Indoor, Outdoor, One Push, Manual, Adjustable color temperature
Shutter: 1/30s ~ 1/10000s
Backlight Compensation: Support
Digital Noise Reduction: 2D & 3D Digital Noise Reduction
Video S/N: ≥55dB
Horizontal Angle of View: 90° ~ 30.7°
Vertical Angle of View: 52° ~ 18.4°
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 Presets: 255
Preset Accuracy: 0.1°

Input / Output Interface

USB: 1x USB 2.0, Type-C Jack
Audio Input: Built-in dual mic
Communication Interface: 1x RS232 In: 8pin Min DIN
Max Distance 30m, Protocol: VISCA/Pelco-D/Pelco-P
Power Jack: JEITA (DC IN 12V) /USB Type-C (USB 5V)

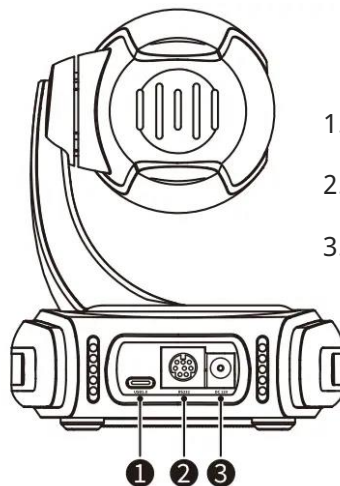
USB Features

Operating System: Windows 8, Windows 10, Windows 11, Mac OS X, Linux, Android
Color System / Compression: YUY2 / MJPEG
Video Format: YUY2 (isochronous mode): maximum 640x480P30, MJPEG: Maximum 1920x1080P30
USB Audio: Optional
USB Video Communication Protocol: UVC 1.1
UVC PTZ Control: Support

General Specifications

MTBF : >30000H
Input Voltage: DC 12V/USB 5V
Input Current: 12V 1.0A (max.) / 5V 1.0A (max.)
Operating Temperature: 0° C ~ 40° C
Storage Temperature: -40° C ~ 60° C
Power Consumption: 12W (max.)
Dimension (mm): 107.9(W) x 114.3(D) x 136.5(H)
Weight: 0.5kg

Interface Diagram



1. USB 2.0 Interface
2. RS232 Interface
3. DC 12V Power Jack

Ordering Information

PeopleLink iCam FHD 3X : PPU-PVC-PC-1KP-USB

SALES AND INQUIRIES

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