



V 1.1 - 082024

## PeopleLink 4K AF Camera-Soundbar Plus


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PeopleLink 4K Auto Frame Camera with Microphone array is a dedicated intelligent camera, with cutting-edge technology in the field of Information Technology. It has Built-in USB camera capable of output of up to 4K (3840 x 2160) @30 frames and Built-in with 96dB speaker, Bluetooth WiFi infrared, a microphones array, built-in Beamforming (BF) microphone, an audio pickup distance of 6m. It can also support HDMI 2.0 output and USB 3.0 output.

- 121° Wide Angle FoV
- 4K UHD
- AI Framing
- Full Frequency Speaker
- 360° Voice Pickup Range

### Key Features

#### • Application :

It is designed for small and medium-sized meeting rooms, especially for the Huddle Room with 4 to 6 people, to help enterprises re-tap the potential of using the small and micro meeting space inside. On the other hand, it can hold meetings more efficiently by saving on rental costs.

#### • Product Value :

It is convenient for small and medium-sized enterprises to conduct daily business negotiation and team cooperation in different places flexibly, Introduced to a relaxed, free, and smooth conversation environment, make decisions quickly, and improve efficiency.

#### • All in one Design :

The three-in-one design of 4K ultra HD camera, beamforming microphone, and full-frequency loudspeaker reduces wiring and makes video communication easy.

## Key Features

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- **4K UHD**

Using 1/2.5 inch, 8.51M pixel high quality UHD CMOS sensor, 4K (3840 x 2160) @p30fps ultra high resolution clear image, and downward compatible with 1080P, 720P and other resolutions. It Can meet the needs of users for different video experiences, and can provide transparent, real, smooth and accurate communication.

- **Wide FoV 121°**

121°wide field of view (110° horizontal field of view), 5 times zoom, optical lens customized for the conference scene, built-in electric head (horizontal and pitch  $\pm 15^\circ$  motion range), no need to worry about the camera position, participants can easily enter the scene clearly.

- **Beamforming Microphone**

4 built in Beam Forming (BF) microphones with a pickup distance of 6m. Low-distortion transverse beamforming algorithm can direct the microphone directly to the speaker, with better sound, clearer communication, and more authentic.

- **Audio 3A Algorithm**

Built-in audio 3A algorithm (AEC / AGC / ANS), full duplex dialogue, can meet the communication needs of different room structures, whether sitting at a conference table, sitting against the wall or standing, can have comfortable experience for calling.

- **Full-Frequency Speaker**

Full frequency Hi-Fi loudspeaker, professional acoustics design, reduce noise interference, provide outstanding sound effect.

- **Plug and Play Type**

Easy to use with plug & play USB interface to connect with the computer or business display screen. Less wiring and convenient video communication reduce the user's learning cost.

- **Intelligent Analysis**

Built-in intelligent analysis algorithm, listening to the speaker position, automatic framing of participants, automatic tracking of speakers, switching the speaker screen, to ensure that the speaker is always clearly in the picture.

- **Rich Interfaces**

Support HDMI 2.0 and USB 3.0 audio video output simultaneously.

- **Easy Installation**

Flexible installation options such as countertops, walls, and TV/display screens are available for quick installation and deployment in a crowded meeting room.



## General Specifications

### Camera

**Video Resolution :** 4K/30, 1080P/30, 720P/30 etc

**Sensor :** 1/2.5 inches, CMOS, Effective Pixels: 8.51 Megapixels

**Lens :** 121° (DFOV), 110° (HFOV), 75° (VFOV)

**Zoom :** 5x zoom

**Pan / Tilt :** ± 15° PTZ : Mechanical

**PTZ :** (MPT) + e-PTZ (EPTZ)

**Digital Noise Reduction :** 2D & 3D digital noise reduction

**Video S/N :** ≥55dB

**Backlight Compensation :** Support

### Audio

**Minimum number of Mic :** 4 Mics

**Frequency Range :** 100Hz – 16KHz

**Full frequency speaker :** 96 dB SPL at 0.5 meter

**Microphone array :** Beamforming microphone, pick up distance up to 6m

**External MIC :** Support (Optional)

**Speaker Output :** 5 Watts or more

### USB Featured

**Connection type :** USB 3.0, downward compatible with USB2.0

**Color System / Compression :** H.264 / MJPEG / YUY2 / NV12

**USB audio :** 32K sampling rate, support UAC1.0

**USB video communication protocol :** UVC 1.1~1.5

**UVC PTZ Protocol :** Support

### Input/output interface

**HD output :** HDMI , version 2.0

**Audio Interface :** RJ45: D-MIC Input (Optional)

**USB interface :** USB3.0, Type C ; USB2.0, Type A

**Wireless :** Bluetooth data communication (Optional)

### System Compatibility

**Operating System :** Windows 7 (only 1080p and below), Windows 8.1, Windows 10 or higher, macOS® 10.10 or higher, Google Chromebook™ Version 29.0.1547.70 or higher, Linux (requires support for UVC), Android

**Hardware platform :** 2.4 GHz Intel® Core 2 Duo processor or higher 2 GB of memory or higher USB 2.0 interface (4K video output need USB 3.0 interface)

### Others

**Control mode :** 2.4G remote controller

**Installation Method :** Support for desktop, wall, TV, and other installation options

**Supplied Cables :** USB3.0 (2m)

**Safety Protection :** Security lock jack

### Generic Specifications

**Remote :** 2.4G remote controller

**Power Supply :** DC 12V, 2A (Max.)

**Operating Temperature :** 0°C ~ 40°C

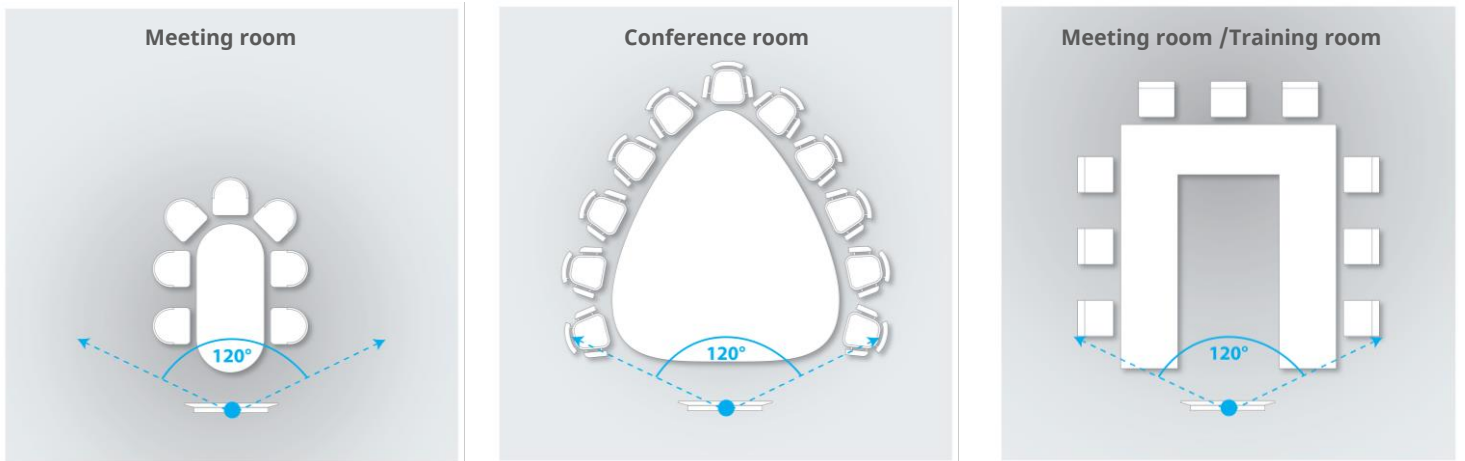
**Storage Temperature :** -40°C ~ 60°C

**Size :** 600mm x 140mm x 115mm (holder included)

**Net Weight :** 2.5 Kg

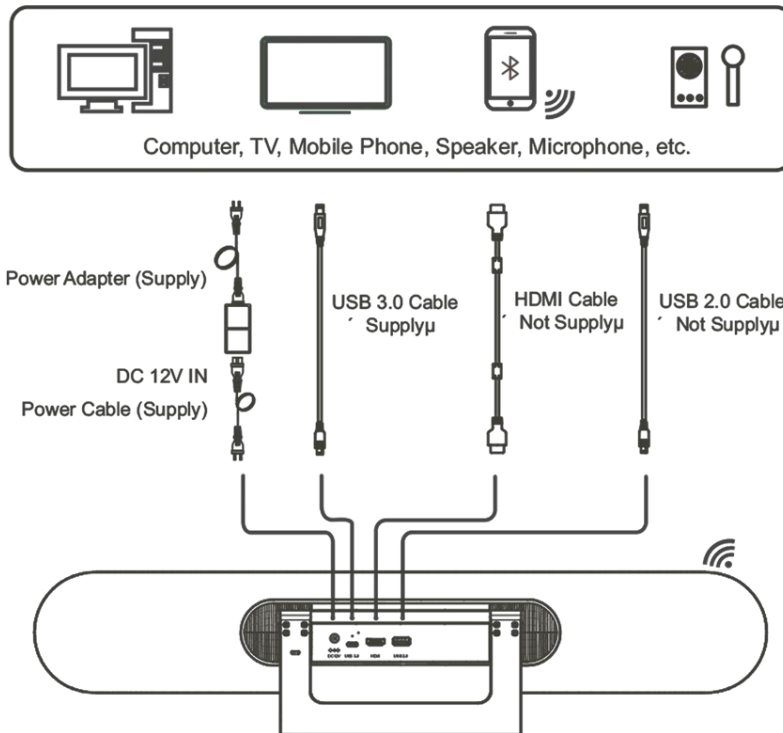
**Adaptable application :** InstaVC, Zoom and all UVC application ( Google Hangouts, Go to Meeting )

## Application Scenarios



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

## Connectivity



## Ordering Information

**Part code** : **PPL-PVC-PCS-4K**

### LEARN MORE

For more information on **4K AF Soundbar Plus** [Click Here](#)

## SALES AND INQUIRIES

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