



V.1.0 - 032024

PeopleLink Video Conference Bar VCB-Alpha



Key Features

- 1/2.5-Inch SONY 8.5 MP Sensor
- 4k@30fps
- 120° Field of View
- 16x Digital Zoom
- Auto Framing
- Presenter Tracking
- All in one Design

4K Ultra-high Definition Integrated Audio and Video Conference AI Camera (Smart) is a high-definition audio and video conference equipment tailor-made for video conferences of small- and medium-sized enterprises. With advanced AI technology and AI sound localization, this camera can automatically locate sound sources. In the meanwhile, the portrait selection automatically places the speaker in the middle position, highlighting the speaker and presenting excellent audio-visual results. It can be compatible with a variety of operating systems and meeting software. It is simple and easy to operate with the principle of "Plug and Play." It will aid you in remote video conferences.



General Specifications

Camera

Imaging sensor: 1/2.5-Inch SONY Low Illumination 8.5MP Sensor

Image Resolution : 4k@30fps, 2k@30fps 1080p@30fps, 720p@30fps, 960x540p@30fps, 640x480p@ 30fps 640x360p@30fps

Video format : YUY2/MJPEG

Viewing Angle : 128° (D) /120° (H) /82° (V)

TV Distortion : <1%

Minimum Illumination : ≥5Lux

Focal Length : 2.2mm

Focus Type : Fixed focal

Object Distance : 30cm~∞

Digital Zoom : 16x digital zoom

Mechanical Pan Rotation Range : 16°(-8° +8°)

Mechanical Tilt Rotation Range : 10°(-5° +5°)

e-PTZ : Yes (UVC /IR remote control)

Shutter Type : Electronic rolling shutter/Frame exposure

Adjustable Parameter : Brightness, contrast, sharpness, white balance,contrast, exposure, gain, Zoom, Pan ,Tilt

Low-Light Correction : Automatic

Image Processing : 2D/3D Digital Noise Reduction/Automatic exposure/automatic white balance

AI Function : AI-Powered Framing/Presenter Tracking/Speaker Tracking

Operating System

Compatible System : Windows XP ,Windows 7 Windows 8, Windows 10, Android V5.0 Or higher version OS, MAC OS10.6 or above Linux2.6.24 or above Chrome OS V29.01547 or above Ubuntu V version 10.04 or above

Hardware Requirements: 2.4 GHz Intel® Core 2 Duo processor or higher
4 GB RAM or more
USB 2.0 port (USB 3.0 required for 4K)

Audio

Microphone : Built in 6PCS microphone array

Microphone Coverage : 180 degrees audio pickup

Talking Pick up distance range : Full-Duplex Communication Within 6 Meters Range, Conference Calls of High Quality

Microphone Frequency Response : 120 – 16,000 Hz

Audio Sample Rate : 16bit 48kHz

Audio Coding Format : PCM,compatibility UAC1.0

Speaker Bar : 2 speaker element sound bar Adopts

Max SPL : 96±3dB SPL @0dB 1kHz at 1m

Speaker Effective frequency range : 200 – 16,000 Hz

Full Duplex Audio : Yes

Automatic Gain Control : YES

Automatic Echo Cancellation : YES

Automatic Noise Suppression : YES

Interface Port

USB Host Port : Audio, video and HID supported over USB 2.0 and 3.0

USB Interface port : 1xUSB 3.0: Type B, female

Audio output : 1x3.5mm headphone jack

Power interface : 1x4.0mm DC jack

General Specification

Input Voltage : 5V (USB power supply) /DC Jack DC 5V 2A

Current Consumption : 1.3A(MAX)

Power Consumption : 6.5W(Max)

Operating temperature : -10-45°C '-10°C ~ 40°C (14°F ~ 104°F)

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

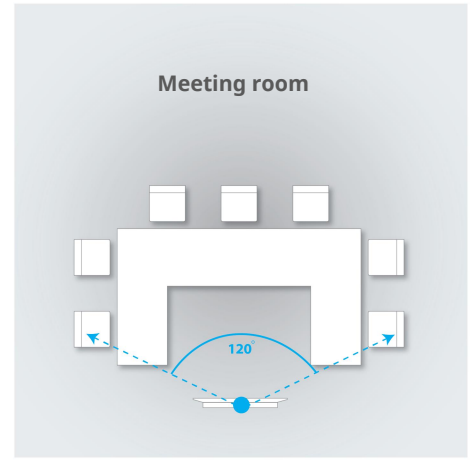
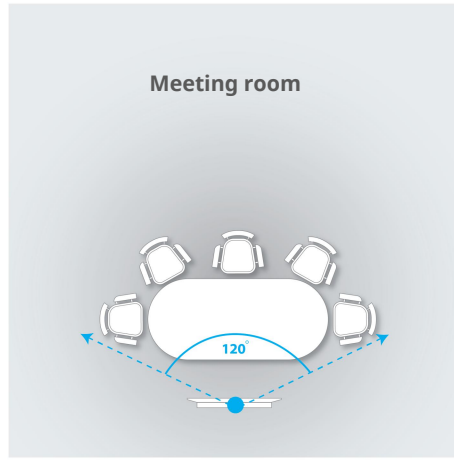
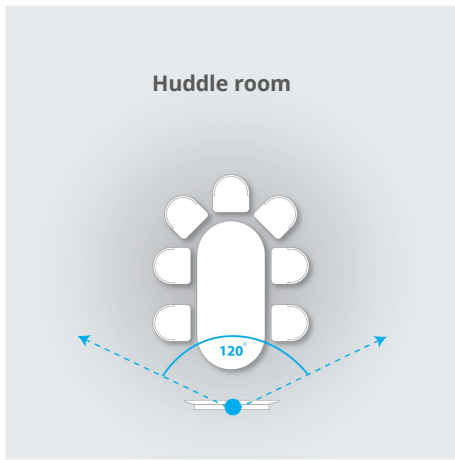
Material : ABS

Dimension(LXWXH): 352mm×118.5mm×75.5mm

Net Weight : 860g

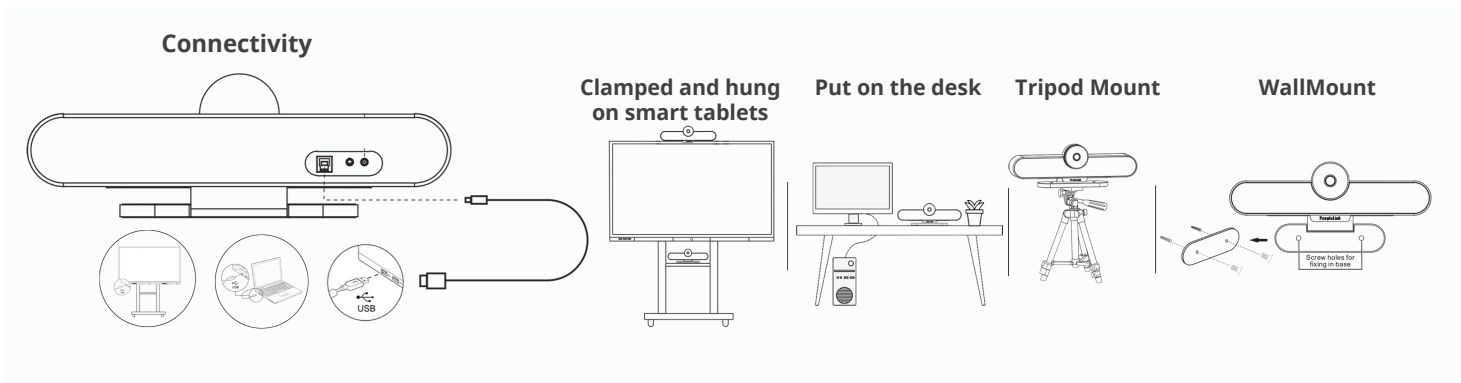
Accessories : IR remote control, manual, USB3.0 cable(2m)
AC Adapter

Application Scenarios



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

Connectivity



Ordering Information

Part code : PPL-PVC-PCS-AF

LEARN MORE

For more information on AIO Alpha Videobar [Click Here](#)

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