



V 1.1 - 082024

## PeopleLink 4K Impact Bar



PeopleLink Video Collaboration 4K Impact bars are appliances that provide a robust and flexible scaling platform for creating the ultimate video collaboration experience. One of the most advanced, portable and feature-rich Codecs available in the market to deliver ultimate combination of Audio, Video and Data streams to provide an unmatched real time collaboration.

## General Specifications

### Video Features

Native 16:9 Widescreen

Advanced Screen Layouts

### Resolution

4K @ 30fps

1080p@ 60fps / 30fps

720p@ 60fps / 30fps

4CIF @ 30fps , CIF , QCIF

## Key Features

### • Integration Design

Integrated 4K UHD camera, array microphone, high-fidelity speaker, high-performance android chip, single device connected to the network and connect with display device to hold meeting.

### • One Device Two uses

It can be used as an android video conferencing terminal, or as an integrated audio and video USB camera connected to a PC as a peripheral

### • Built-in AI

Support automatic box selection and sound source tracking

### • Dual Screen Different Display

2 x HDMI output supported, displays the main and secondary streams in full screen, respectively.

### • Super Decoding

1 x 4K@60fps, 8 x 1080P@30fps, 16 x 720P@30fps, 32 x 480P@30fps, 64 x 360P@15fps

### • Multi - Protocol Convergence (Optional)

Self-developed H.323/SIP terminal software with super interoperability, support install Tencent conference and other third-party cloud video conference client, and realizes the integration of the two

# General Specifications

## Protocols

H.323

SIP

WebRTC (Unified communication Platform)

## Bandwidth

64kbps ~ 8Mbps

## Video Standards and Protocols Supported

H.263, H.263+, H.263++, H.264, H.264 SVC, H.264

High Profile, VP8 / VP9

## Video Standards and Protocols Supported

G.711, G.722, G.722.1\*, G.722.1C\*, AAC-LD, G.726, SILK,

Opus.

## Video Input

1 x Built-in HD Camara;

1 x HDMI IN, support HDMI 1.4, maximum resolution 1080P@30Hz.

## Built-in Camara

Sensor: 1/2.5" CMOS, 8.51 million effective pixel;

**Viewing Angle** : DFOV:121°, **HFOV** : 110° ;

5x Digital Zoom;

**PTZ** : Mechanical PTZ (MPT), **Horizontal / Vertical** : ±15° ; e-PTZ (EPTZ);

**Backlight Compensation** : Supported;

**Digital Noise Reduction** : 2D & 3D Digital Noise Reduction;

**S/N Ratio** : ≥ 55dB.

## Output

1 x HDMI OUT1, support HDMI 2.1, support CEC, maximum resolution 4K@60Hz;

1 x HDMI OUT2, support HDMI 1.4, maximum resolution 1080P@60Hz.

## Audio Input

1 x Built-in array microphone,

The pickup distance is 6m;

1 x USB 2.0;

1 x HDMI IN (The USB interface expansion reserved on the motherboard);

1 x Bluetooth audio input (optional)

1 x 3.5mm linear input

## Audio Output

1 x Built-in speaker (SPL 96dB@0.5m)

1 x USB 2.0

1 x HDMI OUT

1 x Bluetooth audio output (optional)

1 x 3.5mm linear output

## Features

Automatic gain control (AGC);

Automatic echo cancellation (AEC);

Automatic noise suppression (ANS) ;

Automatic Lip Sync.

## Content Sharing

1 x HDMI (Wired Content sharing)

Wireless Content Sharing

## IP Network Features

TCP/IP, DHCP, UDP, SSH, HTTP, HTTPS with SSL/TLS

## Video Encoding and Decoding

**Video stream** : 4K @ 30fps

**Content stream** : 1080p @ 30fps

## Security Features

AES-128/256 signaling and media stream encryption

TLS & SRTP

Administrator password, SSH/HTTPS

## Standards & Protocols

ITU-T H.323, IETF SIP, ITU-T H.239, BFCP

## Network

IPv4 and IPv6 support

Auto/Manual Gatekeeper Discovery

IP Precedence

H.323 based Packet Lost Recovery

## Firewall Traversal

H.460, ICE

## General Specifications

### Other Communication Protocols

H.221, H.224, H.225, H.235, H.241, H.245,  
H.281, H.350, H.460, T.140, DTMF

### Provision for Software based VC Apps

inMeet (native) and support for other Apps of the likes  
of Cisco Webex, Zoom, Google Meet, Microsoft Teams

### USB Interface

1 x USB 3.0 Type-A Host  
1 x USB 2.0 Type-A OTG  
1 x USB 3.0 Type-C (used to connect with PC as a  
camera and Speaker Phone)

### Network Interface

1 x RJ45, 10M/100M/1000M Base-T  
1 x RJ45, 10M/100M Base-T, Support 15WPSE  
1 x WiFi, 802.11a/b/g/n/ac

### Power Supply

1 x DC 12V/3A Power Interface

### Maximum power consumption

36W (max.)

### Working temperature

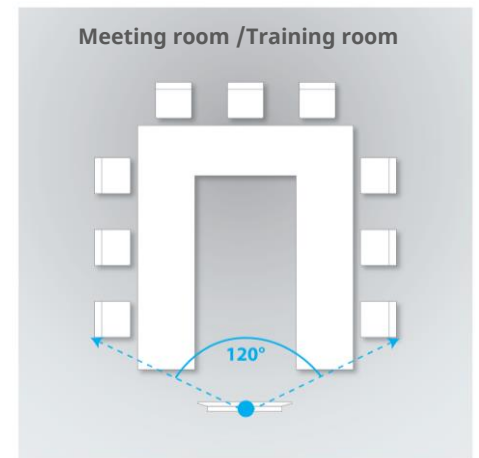
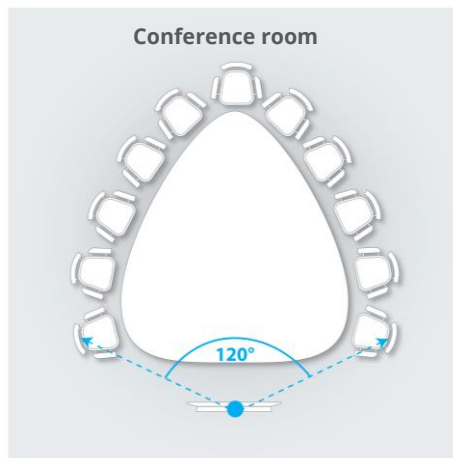
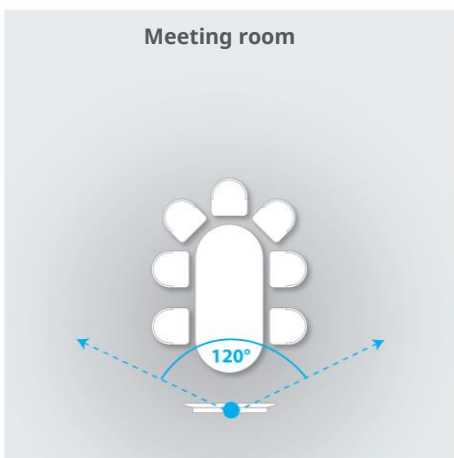
0° C ~ 40° C (operating state), -40° C ~ 70° C  
(non-operating state);

Relative Humidity: 10% ~ 80% (operating state),  
0% ~ 95% (non - operating state)

### Package Includes

AIO BAR x 1  
Infrared remote-control x 1  
Power Adapter x1  
AC Power cable x1  
HDMI cable (1.5m) x 2  
User Manual (Quick Start, Quick Setup Guide)

## Application Scenarios



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

## Ordering Information

**PeopleLink 4K Impact Codec** : PEP – PIS - 4KB

### LEARN MORE

For more information on **PeopleLink 4K Impact Bar** [Click Here](#)

## SALES AND INQUIRIES

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