



V 1.1 - 102024

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

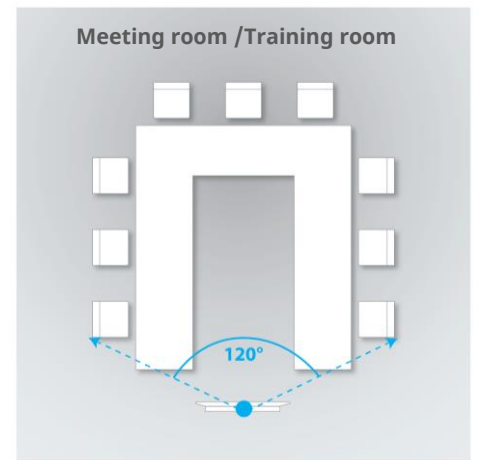
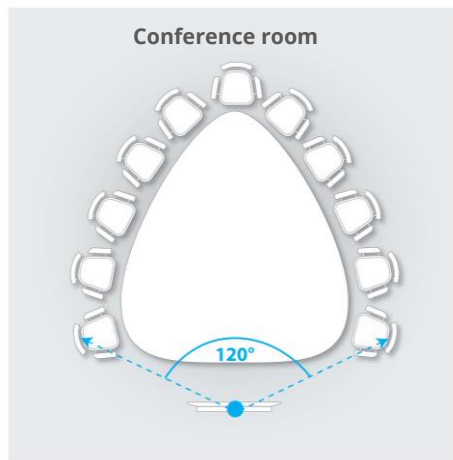
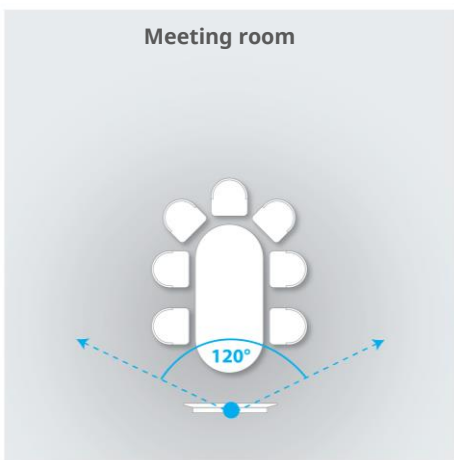
0° C ~ 40° C (operating state), -40° C~ 70° C (non-operating state);

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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