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PeopleLink 4K Huddle Pro (H.323SIP)



PeopleLink 4K Huddle Pro ePTZ camera delivers high definition experience of video conference at an optimized bandwidth. Supports 4k@30fps with inbuilt stereo high gain microphones. It supports ePTZ (pan, Tilt and Zoom), comes along with remote to control PTZ functionality. It comes with FOV of 84 degrees. The integrated compact design houses powerful 4K camera, microphone to host High definition video conference.

PRODUCT FEATURES

- **All-in-one with delicate style**

Equipment set Camera + microphone + video terminal Function three-in-one, integrated design for a Single device, simple interface, convenient connection, easy to install, easy to deploy, easy to install.

- **High performance**

Base flagship SOC of MTK, 10 core CPU (4 x Cortex A53@1.4GHz + 4 x Cortex A53@1.85GHz + 2 x Cortex A72@2.3GHz), and provide the internal performance of sustained and dynamic.

- **Difference screen show on screen**

Built-in MALI T880-MP4 800MHz graphics processor, support dual HDMI output, can show two FHD video on the screen.

- **Ultra HD**

Support 4K ultra HD capture, ultra high resolution with ultra high resolution, and down compatible with 1080P, 720P and other resolutions.

- **AF lens**

Full custom autofocus orthoscopic lens for 4K module, optimization design needs of video conference, 4X Digital ZOOM with ePTZ Function and wide field of view is as high as 84 °, small size, wide angle, thin and also has the things around. At the same time, it supports ePTZ.

- **Built-in microphone**

With built-in array microphone, around picked up angle, up to 6 meters away, with a unique noise suppression algorithm that makes your voice perfect and supports external microphones.

- **Embedded solution**

Embedded hardware solutions, high efficiency, low latency.

- **A native Android ecosystem**

Full native android operating system version 6.0, can be seamlessly ported to the android video conference application, designed for customers who need to tailor their business, and the combination of soft and hard can be achieved.

- **Wi-Fi support**

Built-in Wi-Fi module for optional, access networks by wireless, wiring simple, flexible and convenient.

- **Privacy protection**

The terminal device has a privacy protection function that can open or obscure the camera separately. After the lens is blocked, the device enters standby mode.

- **Liquid cooling**

The device is specially optimized on the heat dissipation. Through the three-dimensional heat dissipation, the heat dissipated by the CPU can be evenly distributed to the entire surface of the casing to avoid heat.

- **Professional card interface**

The MIC in and line in feature a professional snap-on interface with a spring-locking device for reliable connection and not easy to pull-out.

Technical Specifications:

Specifications :

Operate System : Android 6.0 *H.323/SIP

CPU : (MTK) Helio X20, Base on 64bit,

10 cores: 2 x 2.3GHz @ Cortex-A72,

4 x 1.85GHz @ Cortex-A53+ 4 x 1.4GHz @ Cortex-A53

GPU : Built-in MALI T880-MP4 800MHz GPU

Storage : Built-in 16G Bytes Flash、

3G Bytes LPDDR3,800MHz Memory,

Max to 32G T-Flash card

Technical Specifications:

Video Codec

HEVC decoder 2160p@30fps

VP9 decoder 2160p@30fps

H.264 decoder: 2160p@30fps

Sorenson H.263/H.263 ,

Decoder : 1080p@60fps / 40Mbps

MPEG-4 SP/ASP decoder : 1080p@60fps/40Mbps

DIVX4/DIVX5/DIVX6/DIVX HD/XVID,

Decoder: 1080p@60fps/40Mbps

MPEG-4 encoder : Simple profile D1@30fps

H.263 encoder : Simple profile D1@30fps

H.264 encoder : High profile 2160p@30fps

HEVC encoder : Main profile 2160p@30fp

Audio Codec

Audio content sampling rates supported:

8kHz to 192kHz

Audio encoding : AMR-NB, AMR-WB, AAC, OGG, ADPCM

Audio decoding : WAV, MP3, MP2, AAC, AMR-NB, AMR-WB, MIDI, Vorbis, APE, AAC-plus v1, AAC-plus v2, FLAC, WMA, ADPCM

Wireless

(MTK) MT6631, Wi-Fi + BT + GPS

three-in-one, MT6176 Radio frequency transceiver

Audio Specifications and Features

Audio features

- AEC (Acoustic Echo Cancellation)
- AGC (Automatic Gain Control)
- ANS (Acoustic Noise Suppression)
- Lip synchronization

Video Specifications and Features :

People Video Resolution

- **1080p, Guaranty bandwidth :** 1.5Mbps
- **720p, Guaranty bandwidth :** 900Kbps

- **4SIF/4CIF, Guaranty bandwidth :** 512Kbps
- **SIF/CIF/QSIF/QCIF/SQSIF/SQCIF, Guaranty bandwidth :** 384Kbps

Content Video Resolution

- **Input :** Built in 4K camera or Miracast
- **Coding/Decoding Resolution:** 800 x 600, 1024 x 768, 1280 x 1024, 1280 x 720, 1920 x 1080
- **Output :** 800 x 600, 1024 x 768, 1280 x 1024, 1280 x 720, 1920 x 1080

Dual Stream : Dual 1080p or dual 720p

Built-in 4K UHD Camera

- **Input :** 4K(3840 x 2160)@30fps/25fps;
- **Sensor :** 800 x 600, 1024 x 768, 1280 x 1024, 1280 x 720, 1920 x 1080
- **Scan mode :** 800 x 600, 1024 x 768, 1280 x 1024, 1280x720, 1920x1080
- 4X Digital ZOOM with ePTZ Function
- **Focal length :** f = 3.5mm
- **FOV :** 84°
- Auto focus: Support

Other Video Features

- PiP (Picture in Picture), PoP (Picture outside Picture)

Interfaces

Audio Input : 1 x Line in (mini Card interface),

1 x mic In put (mini Card interface), 1x built-in Mic array

Audio Output : 1 x 3.5mm audio line out 2 x HDMI output

Video Input : 1 x Built-in 4K, UHD camera (support ePTZ)

Video Input : 1 x HDMI

Video Output : 2 x HDMI

USB Interface : 2 x USB2.0

TF Interface : 1 x TF Card

Network Interface : 1 x RJ45: 10/100 Base-T

Technical Specifications:

Physical Characteristics

Dimensions

- **Codec dimensions (L x W x H) :** 195mm x 34mm x 59mm
- **Package dimensions (L x W x H) :** TBD
- **Net weight :** TBD
- **Package weight :** 0.25Kg

Electrical

- **Working voltage :** DC 12V
- **Power consumption :** 16W

Environmental Specification

- **Operating temperature :** 0° C to 40°C
- **Operating humidity :** 10% to 80%
- **Non-Operating temperature :** -40° to -70°C
- **Non-Operating humidity (non-condensing) :** 0% to 95%
- **Peripheral noise :** < 46 dBA SPL
- **Lowest luminance :** 5 lux

Warranty

1 Year warranty

Ordering Information:

PeopleLink 4K Huddle Pro (Android) 84°	:	PEP-HUD-AD-4KB
PeopleLink 4K Huddle Pro H.323/SIP 84°	:	PEP-HUD-H323-4KB

LEARN MORE

For more information on **PeopleLink 4K Huddle Pro** [Click Here](#)

SALES AND INQUIRIES

Global Headquarters

Q3-A3, 10th Floor Cyber Towers,
HITEC City, Hyderabad,
Telangana 500081, **India**
Phone: +91 9100123013
Email: vc@peoplelinkvc.com

International Contact Numbers

USA: +1 669-696-8383
Australia: +61 370 037070
France: +33 6 80 75 26 42
Middle East: +966 5300 19292
UK: +44 20 4571 5454

UAE: +971 4 3339082
Canada: +1 647-945-7373
Malaysia: +(6)018-2872188
New Zealand: +64-9-802-4666
Africa: +254 722 619 314

Tech Support

Toll Free: 1800 208 3399
customersupport@peoplelinkvc.com