PeopleLink 4K Huddle Pro

PeopleLink 4K Huddle Pro ePTZ camera delivers high definition experience of video conference at an opti- mized 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*Cortex A53@1.4GHz + 4*Cortex A53@1.85GHz + 2*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 capature, 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, arround picked up angle, up to 6 meters away, with a unique noise suppression algorithm that makes your voice perfect and supports external microphones.

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Product Features

➢ **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.

Product Specifications

Specifications :

Operate System	Android 6.0 *****H.323/SIP
CPU	(MTK) Helio X20 ， Base on 64bit, 10 cores：2x2.3GHz @ Cortex-A72， 4x1.85GHz @ Cortex-A53+ 4x1.4GHz @ 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
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/XVlD , 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 ；

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Product Specifications

Specifications :

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, Wifi+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: 800x600, 1024x768, 1280x1024, 1280x720, 1920x1080 • Output:800x600, 1024x768, 1280x1024, 1280x720, 1920x1080
Dual Stream	Dual 1080p or dual 720p
Built-in 4K UHD Camera	• Input: 4K(3840x2160)@30fps/25fps; • Sensor: 800x600, 1024x768, 1280x1024, 1280x720, 1920x1080 • Scan mode: 800x600, 1024x768, 1280x1024, 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)

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Product Specifications

Interfaces

Audio Input	1xLinein（miniCardinterface），1xmicInput（miniCardinterface），1xbuilt-inMICarray
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

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 40ºC • Operating humidity: 10% to 80% • Non-Operating temperature: -40º to -70ºC • Non-Operating humidity (non-condensing): 0% to 95% • Peripheral noise: < 46 dBA SPL • Lowest luminance: 5 lux
Warranty	1 Year warranty

Ordering Information

Part code	PeopleLink 4K Huddle Pro (Android) 84°	: **PEP-HUD-AD-4KB**
Part code	PeopleLink 4K Huddle Pro H.323/SIP84°	: **PEP-HUD-H323-4KB**

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