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PeopleLink 4K Huddle (H.323/SIP)

PRODUCT FEATURES

- 8X Digital Zoom
- 4K Ultra High Definition Video conference
- Allow members to join the call directly from web browser
- Built-in microphone
- Distribute incoming videos across two screens
- Collaboration tools such as document & screen sharing, white board, & annotation

PeopleLink InstaVC 4K endpoint delivers high definition experience of video conference at an optimized bandwidth. The integrated compact design houses powerful 4K camera, microphone & processor to host 16 member multiparty video conference. Connect two displays to view content as well as people on two different screens. The webRTC technology enables the invited members to join the call directly from web browser on any device without downloading a software.

Applications

Area of Application: Board room & conference room

Technical Specifications:

System Units

Include Packages

- HD codec (built-in HD camera) x 1
- Remote control x 1, AC power adapter x 1, AC power Cable x 1, HDMI cable (1.5m) x 2
- User manual (Quick Start, Quick Installation Guide) x 1

Hardware Platform

Operating system

- Android 6.0

Processor (CPU)

- **(MTK) Helio X20 series chips based on 64-bit 10 cores:**
2 Cortex-A72 2.3GHz, 4 Cortex-A53 2.0GHz
Cortex-A53 + 4 1.5GHz Cortex-A53 processors

Image Processor (GPU)

- Built-in MALI T880-MP4 850MHz graphics processor

Memory

- Built-in 16G Bytes Flash, 3G Bytes LPDDR3, 800MHz memory, maximum optional 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/XVID Decoder**: 1080p@60fps/40Mbps
- **MPEG-4 encoder** : Simple profile D1@30fps
- **263. Encoder** : Simple profile D1@30fps
- **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 chip

- (MTK) MT6631, Wi-Fi + BT + GPS triple chip, MT6176 RF transceiver chip

Video Specifications And Features

Digital Zoom : 8X

People Video Resolution

- **1080p, bandwidth** : 512Kbps
- **720p, bandwidth** : 384Kbps
- **4SIF/4CIF, bandwidth** : 128Kbps
- **SIF/CIF/QSIF/QCIF/SQSIF/SQCIF, bandwidth** : 64KbpsA

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 1080p HD Camera

- **Input** : 4K (3840x2160)@30fps/25fps;
- **Scan mode** : 800 x 600, 1024 x 768, 1280 x 1024, 1280 x 720, 1920 x 1080
- **Focal length** : f = 3.5mm FOV: 84° (Optional 120°)
- **Auto focus** : Support

Other Video Features

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

Audio Specifications And Features

Audio features

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

Interface

Audio input interface Audio output

interface Video input interface

- 1 x built-in microphone input 1 x 3.5mm linear output
- 1 x Built-in fixed-focus 4K camera

Video output interface USB

- Input (supports ePTZ function) 2 x HDMI

Interface : 1 x USB2.0

TF interface Network Interface

- 1 x TF card 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

Ordering Information:

Integrated 4K Huddle Endpoint

: **PEP – INT – HUD - 4K**

Electrical

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

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
- **Recommended luminance:** >300 lux

LEARN MORE

For more information on **PeopleLink 4K Huddle (H.323/SIP)** [Click Here](#)

SALES AND INQUIRIES

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