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Impact Pro 20X End Point

PeopleLink Impact Pro is an endpoint device that delivers HD quality audio/visuals even in low bandwidth. The in-built VPN feature provides required network security for all users. The device allows easy data and rich-media sharing with ease and can be easily integrated with the standardized video systems and other hardware based endpoints with necessary licenses, making it exceptionally pocket-friendly.

Product Features

- 20x Optical zoom lens
- Supports standard SIP and H.323
- Supports H.264 HP encoding
- Built-in VPN
- Built-in HD MCU function (optional)
- Supports Low bandwidth, high definition
- Remote, local recording and broadcasting
- Embedded 8G EMMC storage space
- High network security



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Specifications

System Units

Include Packages	: HD codec (built-in HD camera) x 1
	: Omni-array microphone (pick up distance: >= 5m) x 1
	: Remote control x 1
	: AC power adapter x 1
	: AC power cable x 1
	: HDMI cable (1.5m) x 2
	: XLR jack to 3.5mm jack cable x 1
: User manual (Quick Start, Quick Installation Guide) x 1	

Standard and Protocols

Standards and Protocols	: ITU-T H.323, IETF SIP
Video Standards and Protocols	: H.261, H.263, H.263+, H.263++, H.264, H.264 SVC, H.264 High Profile
Audio Standards and Protocols	: G.711, G.722, G.722.1*, G.722.1C*, AAC-LD, G.723.1, G.726, G.728, SILK
Dual Stream	: ITU-T H.239, BFCP
Other Standards	: H.221, H.225, H.235, H.241, H.245, H.281, H.350, H.460, T.140, DTMF
Network Standards and Protocols	:TCP/IP, DHCP, SSH, HTTP, HTTPS with SSL/TLS, RTP, RTCP, RFC3261, RFC3264, RFC2190, RFC3407, RFC2833, RFC4585(RTP/AVPF), SNMP, ARP

Video Specifications and Features

People Video Resolution	: 1080P (optional), Guaranty bandwidth: 512Kbps
	: 720P, Guaranty bandwidth: 384Kbps
	: 4SIF/4CIF, Guaranty bandwidth: 128Kbps
	: SIF/CIF/QSIF/QCIF/SQSIF/SQCIF, Guaranty bandwidth: 64Kbps
Content Video Resolution	: Input: VGA (640x480), SVGA (800x600), XGA(1024x768), WXGA(1280x768), WXGA (1280x800), 1280x960, SXGA(1280x1024), 1360x768, 1366x768, 1440x900, XGA+(1400x1050), 1600x900, 1600x1200, 1680x1050, 720p(1280x720), 1080p(1920x1080)
	: Coding/Decoding Resolution: 800x600, 1024x768, 1280x1024, 1280x720, 1920x1080 (optional)
	: Output: 800x600, 1024x768, 1280x1024, 1280x720, 1920x1080
Dual Stream	: dual 720P (1080P optional)
Built-in HD Camera	: Input: 720P (1080P optional)
	: Sensor: 2.07 million effective pixels, 1/2.7 inch CMOS
	: Lens: 20x optical zoom
	: Maximum horizontal viewing angle: 60.7 degrees
	: PTZ: horizontal +/-170 degrees, vertical -30~+90 degrees
	: Supports auto white balance, auto exposure, auto focus
: Support remote camera control	
: Support mirror/flip	
:10 presets	
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

Security and Stability

Network	: FEC (Forward Error Correction), ARQ (Automatic Repeat-request) etc.
Security	: H.235 (AES) signaling and media stream encryption : Administrator password, SSH/HTTPS
Firewall Traversal	: H.460.18/19, H.460.23/24, ICE
Bandwidth	64kbps ~ 8Mbps

Cloud Integrate

Interfaces

Audio Input	: 1 x 3.5mm line-in jack, 1 x 3.5mm mic-in jack
Audio Output	: 1 x 3.5mm line-out jack, 1 x HDMI audio output
Video Input	: 1 x HDMI : 1 x Built-in Camera
Video Output	: 2 x HDMI
Communication Interface	: 1 x RS232: 3pin Phenix jack
USB Interface	: 2 x USB2.0 Host (support USB flash disk, USB microphone etc.)
zhi	: 1 x RJ45: 10/100 Base-T

Application Features

Approval and Compliance	: 1000 local address book
	: LDAP/Network address book, H.350
Special Features	: Audio associated with presentation
	: Support "SameView"
	: Timing power on and power off
	: Automatic standby and wake up on incoming call
	: Support DNS SRV
	: Incoming call password
	: Asymmetric bandwidth
	: Built-in VPN
	: Automatic to get static NAT address
	: PIP: 1/16 picture size, optional position
	: Split output: Bi-screen and tri-screen display
	: Network address book
	: Support SDK API
	: Built-in MCU (optional)
: Support web-based conference management	
: Support USB microphone	
: Remote Control: H.224, H.281	
: Remote upgrade by network	
: Wi-Fi (optional)	

Bandwidth

IP : 64kbps ~ 8Mbps

Physical Characteristics

Dimensions

: Codec dimensions (L x W x H): 240mm x 144mm x 160mm
: Package dimensions (L x W x H): 285mm x 235mm x 230mm
: Net weight: 1.7Kg
: Package weight: 2.5Kg

Electrical

: Working voltage: AC 100V ~ 240V, DC 12V
: Working frequency: 50/60Hz
: Power consumption: 18W

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

Approval and Compliance

: CCC, CE, RoHS, WEEE, FCC

Ordering Information

Part code

PeopleLink Impact Pro 20X : **PEP-PIS-HX-P-10**

PeopleLink Impact Pro 20X (1+3) : **PEP-PIS-HX-P-30**

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