IPTone-x1ep

Enterprise Phone

Product Overview

IPTone-x1ep with 128x48 dot matrix screen(No backlight), supports 2 SIP accounts, PoE power supply, three-party conference call and other rich functions to meet different enterprise application scenarios and to provide a quality user experience.

Products Highlights
- 2 SIP lines, 3-way conference
- Fast Ethernet - 10/100Mbps Ethernet with PoE enabled
- Opus voice to handle a variety of audio applications, including IP voice, multiparty conference, etc
- Economic and Environmental Friendly design with Elegant housing
- Compatible with major platforms: Asterisk, Broadsoft, 3CX, Metaswitch, Elastix

Generic
- 2 SIP Lines
- PoE Enabled
- Dot-matrix Screen(No backlight)
- Handset / Hands-free / Headset mode Desktop Stand
- Optional External Power Supply
- Phone Functions

Phone Features
- Local Phonebook (500 entries)
- Remote Phonebook (XML/LDAP, 500 entries)
- Call logs (In/out/missed, 600 entries)
- Black/White List Call Filter Voice Message Waiting Indication (VMWI)
- Programmable Soft keys Network Time Synchronization
- Support Recording (On Server)
- Action URL / Active URI
- UaCSTA

Call Features
- Call out / Answer / Reject
- Mute / Unmute (Microphone)
- Call Hold / Resume Call Waiting
- Intercom
- Caller ID Display
- Speed Dial
- Anonymous Call (Hide Caller ID)
- Call Forwarding (Always/Busy/No Answer)
- Call Transfer (Attended/Unattended)
- Call Parking/Pick-up (Depending on server)
- Redial
- Do-Not-Disturb
- Auto-Answering
- Voice Message (On server)
- 3-way Audio Conference
- Hot Line
- Hot desking

Audio
- Wideband ADC/DAC 16KHz Sampling
- Narrowband Codec: G.711a/u, G.726-32K, G.729A,,iLBC
- Wideband Codec: G.722, Opus Full-duplex Acoustic Echo Canceller (AEC)
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction (NR) / Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer
- DTMF: In-band, Out-of-Band – DTMF-Relay(RFC2833) / SIP INFO

Network

- Physical: 10/100Mbps Ethernet, dual bridged port for PC bypass
- IP Mode:IPv4/IPv6/IPv4&IPv6
- IP Configuration: Static IP / DHCP / PPPoE
- Network Access Control: 802.1x VPN: OpenVPN (Requires third-party app support)
- VLAN
- LLDP
- CDP
- QoS

Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- CDP
- LLDP
- PPPoE
- 802.1x
- OpenVPN (Requires third-party app support)
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069

Deployment and Management

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069
- Web Management Portal
- Web-based Packet Dump
- Supports Web upgrade
- Supports factory reset data

Physical Specification

- Color: Black
- LCD x1: 128x48 dot-matrix Screen(No backlight)
- Keypad: 24 keys, including
    - ✓ 4 Soft-keys
    - ✓ 4 Function keys (Up, Down, Headset, Redial)
    - ✓ 12 Standard Phone Digits keys
    - ✓ 2 Volume Control keys, Lower/Increase(Left/Right)
    - ✓ 1 Mute key
    - ✓ 1 Hands-free key
- Handset (RJ9) x1
- Standard RJ9 Handset Wire x1
- 1.5M CAT5 Ethernet Cable x1
- Back Rack x1
- RJ9 Port x2: Handset x1, Headset x1
- RJ45 Port x2: Network x1, PC x1 (Bridged to Network)
- Power: 5V/0.6A or PoE (IPTone-x1ep)
- Power Consumption (PoE): 0.98 W ~ 1.38 W (IPTone-x1ep)
- Power Consumption (Adapter): 0.65 W ~ 0.96 W
- Working Temperature: 0~45℃
- Working Humidity: 10~95%
- Installation: Desktop Stand
- Device Dimensions: 210.7x207.2x162mm
- Box Dimensions: 250x205x66mm
- Outer CTN Dimensions: 420x340x265mm (10 PCS)

For More details:
visit : www.techroutes.com
Or contact
   sales@techroutes.com
   info@techroutes.com

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