X1E&X1EP Entry Level IP Phone

X1E/X1EP is an entry-level IP Phone, 128x48 dot matrix screen(No backlight), supports 2 SIP accounts, PoE power supply (X1EP), three-party conference call and other rich functions; can meet different enterprise application scenarios, And provide a quality user experience.

Highlights

- ☑ 2 SIP lines, 3-way conference
- ☑ Fast Ethernet - 10/100Mbps Ethernet with PoE(X1EP) enabled
- ☑ Opus voice: can 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, Avaya etc.

OEM Support

- ☑ LCD Lens Logo
- ☑ Web Logo and Model
- ☑ Packaging (Label and Gift box)

Model	Screen	Network	PoE	Power adapter
X1E	128x48 Dot-matrix	10/100Mbps	✕	√
X1EP	128x48 Dot-matrix	10/100Mbps	√	—

Generic

- 2 SIP Lines
- PoE Enable (X1EP)
- Dot-matrix Screen(No backlight)
- Handset / Hands-free / Headset mode
- Desktop Stand
- Optional External Power Supply

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 & 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 Specifications
- 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 (X1EP)
- Power Consumption (PoE): 0.98 W ~ 1.38 W (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
- Gift Box Dimensions:　250x205x66mm
- Outer CTN Dimensions: 420x340x265mm (10 PCS)

Compatibility List:

3CX | Asterisk | AVAYA | broadsoft | epygi | HUAWEI | Jabra GN | metaswitch | NEC

New Rock TECHNOLOGIES | OpenVox | Phonism | plantronics | PORTA ONE | SENNHEISER | Yeastar | ZTE中兴 | ZYCOO