

X1W Entry Level IP Phone

X1W is an entry-level IP Phone, 128x48 dot matrix screen, built in 2.4G WiFi, supports 2 SIP accounts, 3-way conference call and other rich functions; it provides the high-quality and convenient experience for users at an affordable price.

Highlights

- ✔ 2 SIP lines, 3-way conference
- ✔ Opus voice: can handle a variety of audio applications, including IP voice, multiparty conference, etc
- ✔ Built-in 2.4GHz WiFi, supporting wireless network connection.
- ✔ Fast Ethernet - 10/100Mbps Ethernet
- ✔ Economic and Environmental Friendly design with Elegant housing
- ✔ Compatible with major platforms: Asterisk, Broadsoft, 3CX, Metaswitch, Elastix, Avaya etc.



Model	Screen	Network	WiFi	PoE	Power Adapter
X1W	128x48 Dot-matrix	10/100Mbps	✔	✗	✔

OEM Support

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



Generic

- 2 SIP Lines
- Dot-matrix Screen without backlight
- Handset / Hands-free / Headset mode
- Desktop Stand
- External Power Supply

Phone Features

- Local Phonebook (1000 entries)
- Remote Phonebook (XML/LDAP, 1000 entries)
- Call logs (In/out/missed, 600 entries)
- Black/White List Call Filter
- Voice Message Waiting Indication (VMWI)
- Programmable Soft keys
- Network Time Synchronization
- Built-in 2.4GHz Wi-Fi
 - Network standard: IEEE 802.11b/g/n
 - Transmission rate: Up to 150Mbps (dynamic)
- 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.723.1, G.726, G.729A/B, 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: L2TP / OpenVPN
- VLAN
- LLDP
- CDP
- QoS
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)

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

- LCD x1: 128x48 dot-matrix Screen without 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.E Ethernet Cable x1
- Back Rack x1
- RJ9 Port x2: Handset x1, Headset x1
- RJ45 Port x1: Network x1
- Power: 5V/0.6A
- Working Temperature: 0~45°C
- Working Humidity: 10~95%
- Installation: Desktop Stand
- Color: Black
- Device Dimensions: 210.7x207.2x162mm
- Gift Box Dimensions: 250x205x66mm
- Outer CTN Dimensions: 420x340x265mm (10 PCS)

The above specifications may be updated in the future without prior notice. All hardware/software/physical features should be based on the final shipped products.

Compatibility List:

