Entry Level

IP Phone

X1SG

X1SG is an entry-level IP Phone. With all the necessary VoIP features and other extended features like EHS headset, it provides the high-quality and convenient experience for users at an affordable price.

Highlight

- 2 SIP lines, 3-way conference, SIP hotspot
- 1000 local phonebook, caller ID, call hold, call transfer
- 128 x 48 Dot-matrix display
- HD audio on speakerphone and handset
- Opus voice: can handle a variety of audio applications, including IP voice, Multiparty conference etc.
- Support EHS wireless headset
- Dual Gigabit ports, integrated PoE
- Stand with 2 adjustable angles of 45 and 50 degrees
- Compatible with major platforms: Asterisk, Broadsoft, 3CX, Metaswitch, Elastix, Avaya etc.

Specification

Generic
2 SIP lines
HD Voice
PoE Enabled
128 x 48 Dot-matrix display screen
Handset / Hands-free / Headset mode
Desktop Stand / Wall-mounted (need an additional wall hanging parts)
Optional External Power Supply

Network
Physical: 10/100/1000 Mbps 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
QoS
RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)

Phone Functions
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 DSS/Soft keys
Network Time Synchronization
Support Plantronics wireless headset (Through Plantronics APD-80 EHS Cable)
Support Jabra wireless headset (Through Fanvil EHS20 EHS Cable)
Support Recording (Through Server)
Action URL / Active URI
uaCSTA

Call Functions

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

Deployment & Management

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069
- Web Management Portal
- Web-based Packet Dump
- Configuration Export / Import
- Phonebook Import/Export
- Firmware Upgrade
- Syslog

Protocols

- SIP 2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- IPv6
- LLDP
- PPPoE
- 802.1x
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069

Audio

- HD Voice Microphone/Speaker (Handset/Hands-free, 0~7KHz Frequency Response)
- HAC handset
- 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

Physical Specifications

Main LCD x1: 128 x 48 Dot-matrix screen with backlight

Keypad: 34 keys, including
- 4 Soft-keys
- 9 Function keys (Hold/Transfer/Conference/ Phonebook/MWI/Headset/Redial)
- 2 Line keys (With LED Indicator Light)
- 4 Navigation keys
- 1 OK key
- 12 Standard Phone Digits keys
- 3 Volume Control keys (Up/Down/Mute (Microphone))
- 1 Hands-free key

HD Handset (RJ9) x1

Standard RJ9 Handset Wire x1

1.5M CAT5 Ethernet Cable x1

Back Rack x1

Status Indicator Light x1 (Red)

RJ9 Port x2: Handset x1, Headset x1

RJ45 Port x2: Network x1, PC x1 (Bridged to Network)

Safety Keyhole x1

DC Power Input: 5V/0.6A

Power Consumption: Idle 0.9~1.65W,Peak 1.8~2.95W

Working Temperature: 0~45°C

Working Humidity: 10~95%

Installation: Desktop Stand
Wall-mounted (need an additional wall hanging parts)

Color: Black

Device Dimensions:
Desktop Stand (Angles 1): 169 x 186.3 x 174.5 mm
Desktop Stand (Angles 2): 169 x 177.6 x 183.7 mm
Wall-mounted: 169 x 115.6 x 212.5 mm

Gift Box Dimensions: 274 x 215 x 68 mm

Outer CTN Dimensions: 450 x 360 x 294 mm (10 PCS)