Entry Level
IP Phone

X1S / X1SP

X1S/X1SP 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
- 128x48 Dot-matrix display
- HD audio on speakerphone and handset
- Support EHS wireless headset
- Dual Fast 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 (Only X1SP)

128x48 Dot-matrix display screen

Handset / Hands-free / Headset mode

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

Optional External Power Supply

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/B, iLBC, G723.1 (Optional)

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) / Automatic Gain Control (AGC)

Packet Loss Concealment (PLC)

Dynamic Adaptive Jitter Buffer

DTMF: In-band, Out-of-Band – DTMF-Relay (RFC2833) / SIP INFO

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

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

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

Protocols

SIP 2.0 over UDP/TCP/TLS

RTP/RTCP/SRTP

STUN

DHCP

LLDP

PPPoE

802.1x

L2TP

OpenVPN

SNTP/NTP

FTP/TFTP

HTTP/HTTPS

TR-069

AES128 & AES256

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)

Network

Physical: 10/100 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)