

X1SG Entry Level IP Phone

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.



Highlights

- 2 SIP lines, 3-way audio conference, SIP hotspot
- 1000 local phonebook, caller ID, call hold, call transfer
- 128x48 Dot-matrix display
- HD audio on speakerphone and handset
- Opus voice: can handle a variety of audio applications, including IP voice, 3-way audio conference etc.
- Support EHS wireless headset
- Dual Gigabit ports, integrated PoE
- Stand with 2 adjustable angles of 45 and 50 degrees

Model	Screen	Network	PoE	Power Adapter
X1SG	128x48 Dot-matrix	10/100/1000Mbps	√	—

Generic

- 2 SIP Lines
- HD Voice
- PoE Enabled
- 128x48 Dot-matrix display screen
- Handset / Hands-free / Headset mode
- Desktop Stand / Wall-mounted (need an additional wall hanging parts)
- Optional External Power Supply

Phone Functions

- Local Phonebook (1000 entries)
- Remote Phonebook (XML/LDAP, 1000 entries)
- Call logs (In/Out/Missed, 600 entries)
- Blocked List/ Allowed List
- Voice Message Waiting Indication (VMWI)
- Programmable DSS/Soft keys
- Network Time Synchronization
- Support Poly wireless headset (Through Poly 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 Audio Conference
- Hot Line
- Hot Desking

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

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)

Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- IPv6
- LLDP
- PPPoE
- 802.1x
- L2TP
- OpenVPN
- 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
- Configuration Export / Import
- Phonebook Import/Export
- Firmware Upgrade
- Syslog

Physical Specifications

- Main LCD x1: 128x48 Dot-matrix screen with backlight
- Keypad: 34 keys, including
  - 4 Soft-keys
  - 7 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℃
- Working Humidity: 10~95%
- Qty/CTN: 10PCS
- N.W/CTN: 9.49kg
- G.W/CTN: 10.21kg
- Installation:
  - Desktop Stand
  - Wall-mounted (need an additional wall hanging parts)
- Color: Black
- Device Dimensions:
  - Desktop Stand (Angles 1): 169x186.3x174.5 mm
  - Desktop Stand (Angles 2): 169x177.6x183.7 mm
  - Wall-mounted: 169x115.6x212.5 mm
- Gift Box Dimensions: 274x215x68 mm
- Outer CTN Dimensions: 450x360x294 mm (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.
For more information, please visit: www.fanvil.com

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