



Fanvil X3S/X3SP/X3G Entry-Level IP Phone

Redefine Entry-Level IP Phone

Fanvil X3S/X3SP/X3G are Entry level IP phones with color screen, HD voice, plus an extra-large 320x240 2.4" (X3G: 2.8") color LCD, Gigabit Ethernet(X3G), to deliver a clear, smooth, rich communication experience. They support two VoIP accounts, EHS headset connectable, to maximize productivity in both small and large companies.

Highlights

- 2 SIP lines, HD voice, 3-way conference, hotspot
- 2.4" (X3S, X3SP)/2.8" (X3G) color screen
- 10/100 Mbps Ethernet (X3S, X3SP), 10/100/1000 Mbps Ethernet(X3G)
- PoE enabled for X3G, X3SP
- Support call center headset (RJ9 port)
- Electronic Hook Switch (EHS) support for wireless headsets
- Support LDAP, XML phonebook
- Desktop / Wall-mount installation
- Standard Certifications: CE / FCC
- Compatible with major platforms: 3CX, Asterisk, Broadsoft, Elastix etc.



X3S/X3SP

X3G

Model	Screen	Network	PoE	Power adapter
X3S	2.4 color-screen	10/100Mbps	×	✓
X3SP	2.4 color-screen	10/100Mbps	✓	×
X3G	2.8 color-screen	10/100/1000Mbps	✓	×

Generic

- 2 SIP Lines
- HD Voice
- POE Enabled (X3SP, X3G)
- Handset(HS) / Hands-free(HF) / Headphone(HP) mode
- Desktop / Wall-mount installation
- Optional External Power Supply (X3SP and X3G Optional)
- Economical and Environmental friendly package
- Industrial Standard Certifications: CE/FCC

Call Features

- Call out / answer / reject
- Mute / unmute (microphone)
- Call Hold / Resume
- Call Waiting
- Intercom
- Caller ID Display
- Call Forwarding (Always/Busy/No Answer)
- Call Transfer (Attended/Unattended)
- Call Parking/Pick-up (depending on server)
- Redial
- Do-Not-Disturb (per line / per phone)
- Auto-Answering (per line)
- Voice Message (on server)
- Local 3-way Conference
- Hot Line

Phone Features

- Phone Accessibility Control by User PIN
- Intelligent Phonebook (up to 500 entries total)
- Remote Phonebook (XML/LDAP)
- Intelligent Contact Number Matching / Filtering
- Call log (600 entries total, in/out/missed)
- Screensaver
- Voice Message Waiting Indication (VMWI)
- Network Time Synchronization
- Support Plantronics Wireless headset (Through Plantronics APD-80 EHS Cable)
- Support Recording (Through PBX Server)
- Action URL / Active URI
- CSTA
- Multi-language support in screen and web UI: English, Korean, Chinese(Traditional/Simplified), Japanese, Russian, Italian, Turkish, Germany, Dutch, Spanish, Hebrew, Polish, French, Arabic, Ukraine, etc.

Audio

- HD Voice Microphone/Speaker (Handset/Hands-free, 0~7KHz Frequency Response)
- Wideband ADC/DAC 16KHz Sampling
- Narrowband CODEC: G.711a/u, G.723.1, G.726-32K, G.729AB
- Wideband CODEC: G.722
- Full-duplex Acoustic Echo Canceller (AEC) – Hands-free Mode, 96ms tail-length
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction (NR)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer up to 300ms
- DTMF: In-band, Out-of-Band – DTMF-Relay(RFC2833) / SIP INFO

Networking

- Physical:10/100Mbps(X3S/X3SP)10/100/1000Mbps(X3G) Ethernet, dual bridged port for PC bypass
- IP Configuration: Static / DHCP / PPPoE
- Network Access Control: 802.1x
- VPN: L2TP (Basic Unencrypted) / OpenVPN
- VLAN
- LLDP
- QoS
- RTPC-XR(RFC3611), VQ-RTCPXR(RFC6035)

RFCs:

354/1321/1350/1769/1889/1890/2131/2132/2616/2617/2661/
2833/2976/3261/3262/3263/3264/3265/3268/3311/
3489/3611/3711/4346/4566/5630/5865/6035

Deployment & Maintenance

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR069
- Web Management Portal
- Web-based Packet Dump
- Configuration Backup/Restore
- Auto/Manual Online Software Upgrade
- Syslog

Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- PPPoE
- LLDP
- 802.1x
- L2TP (Basic Unencrypted)
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR069

Physical Specifications

- LCD x1: 2.4 or 2.8 inch (320x240) color-screen LCD
- Keypad: 32 keys, including
 - 4 Soft-keys
 - 5 Function keys (Hold, Call forward, Conference, Headset, Redial)
 - 5 Navigation keys
 - 2 Line keys with tri-color LED
 - 12 Standard Phone Digits keys
 - 3 Volume Control keys, Up/Down/Mute(Microphone)
 - 1 Hands-free
- HD Handset (RJ9) x1
- Standard RJ9 Handset Wire x1
- 1.5M CAT5 Ethernet Cable x1
- RJ9 Phone Jacket x2: Handset x1, Headphone x1
- RJ45 Ethernet Jacket x2: Network x1
PC x1 (Bridged to Network)
- DC Power Input: 5V/600mA (X3S and X3SP), 5V/1A(X3G)
- Power Consumption: (X3S/P) Idle – 1.2W, Peak – 2.1W
(X3G) Idle – 2.1~2.8W, Peak – 2.7~4.1W
- Working Temperature: 0~40°C
- Working Humidity: 10~65%
- Dual-Functional Back Rack x1: Desktop Stand / Wall-mount
- Color: Black
- Device Dimensions: 159 x 174 x 171mm (Desktop Stand)
- Gift Box Dimensions: 275 x 215 x 62mm
- Outer CTN Dimensions: 445 x 330 x 300mm (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

Compatibility List:



www.fanvil.com

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