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
· RTCP-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:

3CX | Asterisk | AVAYA | broadsoft | epygi | NEC | New Rock TECHNOLOGIES | OpenVox

HUAWEI | Jabra GN | Yeastar | ZTE | ZYCOO | SENNHEISER | plantronics