FANVIL X3/X3P SOHO IP Phone

The phone designed for Internet life

Fanvil's new X3 IP Phone is an industrial masterpiece offers superior user experience and simplicity for home and office users with elegant appearance and intelligent software. X3 is positioning to be not only a telephone siting on a user's desktop for communication, but also a nice artwork in your living room or office.

Highlights
√ The finest artwork in IP telephone industry
√ Economical and intelligent product concepts
√ Easy installation and configuration
√ Smart and friendly user interface
√ Multi-user accounts and profiles
√ Secure and complete provisioning protocols
√ High Interoperability – Compatible with major platforms: 3CX, Asterisk, Broadsoft, Elastix, Zycoo, etc.

Generic
• 2 SIP Lines
• HD Voice
• User Friendly Graphical Menu with Help description
• POE Enabled (X3P)
• Handset (HS) / Hands-free (HF) / Headphone (HP) mode
• Desktop / Wall-mount installation
• External Power Supply (X3)
• 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
• Initialization Configuration Wizard
• Up to 5 User Accounts / Profiles with individual phonebook/call log/configurations/PIN
• Phone Accessibility Control by User PIN
• Intelligent Phonebook (up to 500 entries total)
• Cloud Phonebook (XML)
• Intelligent Contact Number Matching / Filtering
• Call log (300 entries total, in/out/missed)
• Call Connection Quality (QoS) Measurement and Indication
• Voice Message Waiting Indication (VMWI)
• Network Time Synchronization

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 Ethernet, dual bridged port for PC bypass
- IP Configuration: Static / DHCP / PPPoE
- Network Access Control: 802.1x
- VPN: L2TP (Basic Unencrypted) / OpenVPN
- VLAN
- QoS

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

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

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

Physical Specifications
- LCD x1: 128x48 dot-matrix with backlit
- Keypad: 25 keys, including
  4 Soft-keys
  12 Standard Phone Digits keys
  2 Navigation keys (Up/Down)
  2 Line keys with tri-color LED
  1 Redial / Call Log Key
  3 Volume Control keys, Up/Down/Mute(Microphone)
  1 Hands-free / Headphone key
- HD Hands-free Speaker (0 ~ 7KHz) x1
- HD Hands-free Microphone (0 ~ 7KHz) x1
- 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 (802.3AF POE Class 1 Enabled, X3P only), PC x1 (Bridged to Network)
- Main Chipset: Broadcom
- DC Power Input: 5V/1A
- Power Consumption: Idle – ~ 1.1W, Peak – ~ 1.8W
- Working Temperature: 0 ~ 40℃
- Working Humidity: 10 ~ 65%
- Dual-Functional Back Rack x1: Desktop Stand / Wall-mount
- Color: Black (K) / White (W) / Red (R) / Blue (B) / Yellow (Y)
- Package Dimensions: 275x215x62mm(W x H x L)

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. Customers should consult Fanvil's retailers, distributors, or Fanvil directly, if customers have concerns on any feature.
For more information, please visit: www.fanvil.com

Company Profile:
Fanvil Technology Co., Ltd. is a professional developer and manufacturer of VoIP products. Fanvil provides VoIP communication devices solutions for small and medium sized businesses, as well as large mission-critical enterprise environments.