

FANVIL X4/X4G Enterprise IP Phone

A New Enterprise Phone with Intelligent DSS Key-mapping LCD Display

The new Fanvil X4 IP Phone is a high-end enterprise desktop phone which comes with an intelligent DSS Key-mapping LCD to increase enterprise users' productivity at a cost-effective price.

Highlights

- ✓ DSS Key-mapping LCD – 6DSS keys corresponded to the LCD display to provide dynamic DSS/BLF functions up to five pages at virtualized total 30DSS keys.
- ✓ Fast / Gigabit Ethernet – 10/100/1000Mbps Ethernet with POE enabled.
- ✓ Economic and Environmental Friendly design with Elegant housing.
- ✓ High Interoperability – Compatible with major platforms: 3CX, Asterisk, Broadsoft, Elastix, Zycoo, etc.



Generic

- 4 SIP Lines
- HD Voice
- POE Enabled
- 2 LCDs (Main + DSS)
- Handset(HS) / Hands-free(HF) / Headphone(HP) mode
- Intelligent DSS Keys
- Desktop / Wall-mount installation
- Optional External Power Supply
- 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
- Speed Dial
- Anonymous Call (Hide Caller ID)
- Call Forwarding (Always/Busy/No Answer)
- Call Transfer (Attended/Unattended)
- Call Parking/Pick-up (depending on server)
- Redial/Auto-Redial
- Do-Not-Disturb (per line / per phone)
- Auto-Answering (per line)
- Voice Message (on server)
- Local 3-way Conference
- Hot Line
- Hot-Desking

Phone Features

- Phonebook (500 entries)
- Remote Phonebook (XML/LDAP)
- Call log (600 entries, in/out/missed)
- Black/White List Call Filtering
- Screensaver
- Voice Message Waiting Indication (VMWI)
- Programmable DSS/Soft keys
- Network Time Synchronization
- Support Plantronics Wireless headset (Through Plantronics APD-80 EHS Cable)
- Support Recording (Through PBX Server)
- Action URL / Active URI
- CSTA

Audio

- HD Voice Microphone/Speaker (Handset/Hands-free, 0~7KHz Frequency Response)
- Wideband ADC/DAC16KHz 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(X4), 10/100/1000Mbps(X4G) Ethernet, dual

- bridged port for PC bypass
- IP Configuration: Static / DHCP / PPPoE
- Network Access Control: 802.1x
- VPN: L2TP (Basic Unencrypted) / OpenVPN
- LLDP
- QoS
- RTCP-XR(RFC3611),VQ-RTCPXR(RFC6035)

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

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/DHCPOPT66/SIP PNP/TR069
- Web Management Portal
- Web-based Packet Dump
- Configuration Export / Import
- Phonebook Import/Export

- Firmware Upgrade
- Syslog

Physical Specifications

- Main LCD x1: 2.8 inch (320x240) color-screen LCD
- DSS Key-mapping LCD x1:color-screen LCD
- Keypad: 38 keys, including
 - 4 Soft-keys
 - 6 Function keys (Hold,Call forward,Conference,Phonebook,Call logs,Redial)
 - 5 Navigation keys
 - 12 Standard Phone Digits keys
 - 3 Volume Control keys, Up/Down/Mute(Microphone)
 - 1 Hands-free key
 - 6 DSS Keys with tri-color LED
 - 1 Page-Jump/Configuration (PIC) 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 2 Enabled), PC x1 (Bridged to Network)
- DC Power Input: 5V/600mA(X4) 5V/1A(X4G)
- Power Consumption: (X4)Idle –1.2W~1.9W, Peak – 2.4W~3.5W (X4G)Idle – 1.8W~2.5W, Peak – 3W~4.5W
- Working Temperature: 0~40°C
- Working Humidity: 10~95%
- Dual-Functional Back Rack x1: Desktop Stand / Wall-mount
- Color: Black
- Device Dimensions: 196 x 169 x 173mm(Desktop Stand)
- Gift Box Dimensions:270 x 270 x 65mm
- Outer CTN Dimensions: 555 x 340 x 290mm (10 PCS)

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.

Compatibility List:

