DATASHEET

X2 IP Phone

The phone designed for Call Centers

The new Fanvil X2 IP Phone is a call center phone with succinct design and high cost performance greatly improve production efficiency.

Highlights

- ✓ 2.8 inch (320x240) color-screen LCD
- ✓ Support RJ9 and 3.5mm headset port
- ✓ Support EHS Wireless Headphone
- ✓ Support use the phone for the foot pedal
- ✓ Succinct button design, matching used in call center
- ✓ The button Support the lights
- ✓ High Interoperability - Compatible with major platforms: 3CX, Broadsoft, Elastix, Asterisk, Xorcom, etc.

Mode	Screen	PoE	Network	Supply Power
X2	2.8"	×	10/100Mbps	√
X2P	2.8"	√	10/100Mbps	×

Generic

- 2 SIP Line
- HD Voice
- POE Enable or Optional External Power Supply
- 2.8” color screen
- Headphone(HP) mode (EHS support for Plantronics headsets)
- 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/Auto-Redial
- Do-Not-Disturb
- Auto-Answering
- Voice Message (on server)
- Local 3-way Conference
- Hot Line
- Hot-Desking

Phone Features

- Phonebook (500 entries)
- Remote Phonebook (XML/LDAP)
- Call log (100 entries, in/out/missed)
- Black/White List Call Filtering
- Voice Message Waiting Indication (VMWI)
- Programmable Soft keys
- Network Time Synchronization
- Action URL / Active URI
- Multi-language support in screen and web UI: English, Chinese(Traditional/Simplified), Japanese, Russian, Italian, Turkish, Germany, Dutch, Spanish, Hebrew, Polish, French etc.

Audio

- Wideband ADC/DAC 16KHz Sampling
- Narrowband CODEC: G.711a/u, G.723.1, G.726-32K, G.729AB
- Wideband CODEC: G.722
- 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

- 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

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- 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 Export / Import
- Phonebook Import/Export
- Firmware Upgrade
- syslog

Physical Specifications

- LCD: 2.8 inch (320x240) color-screen
- Keypad: 23 keys, including
  4 Soft-keys
  3 Function keys
  12 Standard Phone Digits keys
  2 Volume Control keys, Lower/Increase(Left/Right)
  1 Volume Select key, (Down)
  1 Headset key
- 1.5M CAT5 Ethernet Cable x1
- 3.5mm port x2: Headset x1, Foot pedal x1
- RJ9 port x2: Headset x1, Monitor earphone x1
- RJ45 Ethernet Port x2: Network x1 (802.3AF POE Class 1 Enabled),
- PC x1 (Bridged to Network)
- Main Chipset: Broadcom
- DC Power Input: 5V / 0.6A
- Power Consumption: Idle – 0.9~1.6W, Peak – 1.6~2.5W
- Working Temperature: 0~40℃
- Working Humidity: 10~65%
- Back Rack x1: Desktop Stand
- Color: Black
- Gift Box Dimensions: 197x110x62mm (L x W x H)
- Outer CTN Dimensions: 455x340x220mm (20 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. 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.