



# Fanvil X1/X1P Entry level IP Phone

Fanvil X1 / X1P is an entry-level, cost-effective professional desktop IP Telephone. Coupled with all the necessary VoIP features at an affordable price, it deftly meets the affordability and reliability requirements of any budget.

## Highlights

- ☑ Easy installation and web-based configuration
- ☑ 500 contacts directory, caller IP, call holding / restoring, call transfer, supports headset.
- ☑ 2-line operation allows you to dial and receive calls on two different phone lines
- ☑ Fast Ethernet—10/100Mbps Ethernet with POE(X1P) enabled
- ☑ Support 3-party conference, allowing you to have a 3-party conversation between you and 2 other parties.
- ☑ Compatible with major platforms: 3CX, Asterisk, Broadsoft, Elastix, Zycoo, etc.



Model	Screen	Backlight	PoE	Power adapter
X1	128x48 Dot-matrix	10/100Mbps	×	✓
X1P	128x48 Dot-matrix	10/100Mbps	✓	×

## 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

## Generic

- 2 SIP Lines
- POE Enabled
- Handset(HS) / Hands-free(HF) / Headset(HS) mode
- Desktop Stand
- Optional External Power Supply (X1P Optional)
- Economical and Environmental friendly package
- Industrial Standard Certifications

## 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

## Audio

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

- 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 Export / Import
- Phonebook Import/Export
- Firmware Upgrade
- Syslog

## Physical Specifications

- LCD: 128x48 dot-matrix include backlight
- Keypad: 24 keys, including 4 Soft-keys
- 4 Function keys (Up, Down, Headset, Redial)
- 12 Standard Phone Digits keys
- 2 Volume Control keys, Lower/Increase(Left/Right)
- 1 Mute key
- 1 Hands-free key
- Standard RJ9 Handset Wire x1
- 1.5M CAT5 Ethernet Cable x1
- RJ9 Phone port x2: Handset x1, Headphone x1
- RJ45 Ethernet Port x2: Network x1 (802.3AF POE Class 1 for X1P, PC x1 (Bridged to Network)
- Main Chipset: Broadcom
- DC Power Input: 5V / 0.6A
- Power Consumption: Idle –0.89W~1.2W Peak – 1.81W~2.5W
- Working Temperature: 0~40°C
- Working Humidity: 10~65%
- Desktop Stand
- Color: Black
- Device Dimensions: 164x 154 x 166mm (Desktop Stand)
- Gift Box Dimensions: 250 x 205 x 66 mm (L x W x H)
- Outer CTN Dimensions: 420 x 340 x 265mm (10 PCS)

## Compatibility List:

