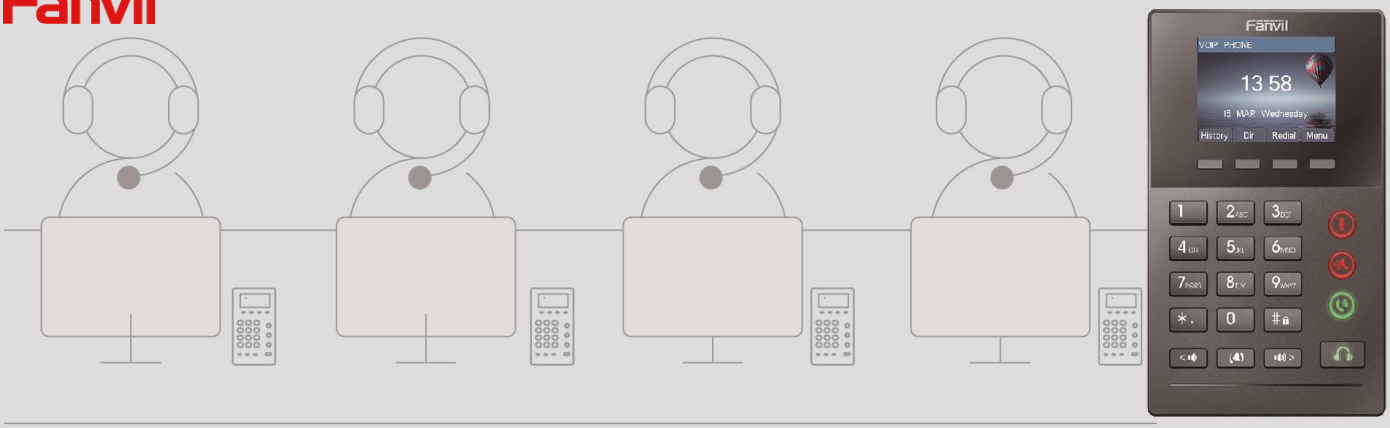



# X2C/X2CP/X2P

# Call Center IP Phone

Fanvil's X2C/X2CP/X2P is professional call center IP phones with intuitive, clean design and rich features at a cost-effective price.

## Highlights

- Professional IP phone customized for call center
- 2 SIP Lines, 3-way conference
- 2.8" (320x240) color-screen (Only X2P)
- 128x48 black-and-white backlit display (X2C/X2CP)
- Support call center headset (RJ9 port, 3.5mm port)
- Electronic Hook Switch (EHS) support for wireless headset
- LED function Keys for Mute/Hold/Call Forwarding/Headset
- Support off-hook/on-hook by pedal switch
- Support LDAP, XML Phonebook
- 10/100Mbps Ethernet, PoE integrated (X2CP/X2P)



X2C/X2CP



X2P

| Model | Screen | Network | PoE | Power adapter |
|---|---|---|---|---|
| X2C | 128x48 dot-matrix | 10/100Mbps | × | √ |
| X2CP | 128x48 dot-matrix | 10/100Mbps | √ | — |
| X2P | 2.8" color-screen | 10/100Mbps | √ | — |

## Generic

- 2 SIP Lines
- HD Voice
- PoE Enabled (X2CP/X2P)
- Headset mode
- Optional External Power Supply (X2CP and X2P Optional)

## Phone Features

- Local Phonebook (500 entries)
- Remote Phonebook (XML/LDAP, 500 entries)
- Call logs (In/out/missed, 600 entries)
- Blocked list/Allowed list
- Screen saver(Only X2P)
- Voice Message Waiting Indication (VMWI)
- Programmable Soft keys
- Network Time Synchronization
- Support Poly wireless headset (Through Poly APD-80 EHS Cable)
- Support Jabra wireless headset (Through Fanvil EHS20 EHS Cable)
- Support Recording (Through Server Recording )
- Action URL / Active URI
- uaCSTA

## Call Features

- Call out / Answer / Reject
- Mute / Unmute (Microphone)
- Call Hold / Resume
- Call Waiting
- Intercom
- Caller ID Display
- Anonymous Call (Hide Caller ID)
- Call Forwarding (Always/Busy/No Answer)
- Call Transfer (Attended/Unattended)
- Call Parking/Pick-up (Depending on server)
- Redial
- Do-Not-Disturb
- Auto-Answering
- Voice Message (On server)
- 3-way Conference
- Hot Line
- Hot desking

## Audio

- 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)
- 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 / OpenVPN
- VLAN
- LLDP
- QoS
- RTCP-XR(RFC3611), VQ-RTCPXR(RFC6035)

## Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- LLDP
- PPPoE
- 802.1x
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069

## Deployment & Maintenance

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069
- Web Management Portal
- Web-based Packet Dump
- Configuration Export / Import
- Phonebook Import/Export
- Firmware Upgrade
- Syslog

## Physical Specifications

- LCD x1:
  - X2C/X2CP: 128x48 dot-matrix backlit display
  - X2P: 2.8 inch (320x240) color-screen
- Keypad: 23 keys, including
  - 4 Soft-keys
  - 4 LED Function keys (Mute, Hold, Auto Answer, Headset )
  - 12 Standard Phone Digits keys
  - 2 Volume Control keys, Lower/Increase(Left/Right)
  - 1 Volume Select key, (Page Down)
- 1.5M CAT5 Ethernet Cable x1
- Earphone bracket x1
- Back Rack x1
- 3.5mm Port x2: Headset x1, Foot pedal x1
- RJ9 Port x2: Headset x1, Monitor earphone x1
- RJ45 Port x2: Network x1, PC x1 (Bridged to Network)
- DC Power Input: 5V/0.6A
- Power Consumption: Idle 0.9~1.6W, Peak 1.6~2.5W
- Working Temperature: 0~45℃
- Working Humidity: 10~95%
- Installation: Desktop Stand
- Qty/CTN：20pcs
- N.W/CTN: 21.1kg
  - X2C/X2CP: 11.4kg
  - X2P: 11.2kg
- G.W/CTN: 22.22kg
  - X2C/X2CP: 12.28kg
  - X2P: 11.92kg
- Color: Black
- Device Dimensions
  - Do not contain Earphone bracket: 100.8x147x107.4mm
  - Contain Earphone bracket: 100.8x155.4x246mm
- Gift Box Dimensions:
  - X2C/X2CP: 200x175x52mm
  - X2P: 196.98x109.98x65mm
- Outer CTN Dimensions:
  - X2C/X2CP: 555x370x220mm (20 PCS)
  - X2P: 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.
For more information, please visit: www.fanvil.com

**Compatibility List:**

www.fanvil.com
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