

## Fanvil X6 Enterprise IP Phone

The Fanvil X6 IP Phone is a high-end enterprise desktop phone which comes with 2 intelligent DSS Key-mapping color LCDs to increase enterprise users' work efficiency.

### Highlights

- ✓ 2 DSS Key-mapping LCD – 12 DSS keys corresponded to the LCD display to provide dynamic DSS/BLF functions up to five pages at virtualized total 60 DSS keys.
- ✓ Gigabit Ethernet – 10/100/1000Mbps Ethernet with POE enabled.
- ✓ Economic and Environmental Friendly design with Elegant Housing, with high-resolution TFT color display, delivering a rich visual experience.
- ✓ High Interoperability – Compatible with major platforms: 3CX, Asterisk, Broadsoft, Elastix, Zycoo, etc.



Model	Screen	Network	POE	Power adapter
X6	4.3" color-screen	10/100/1000Mbps	√	×

### Generic

- 6 SIP Lines
- HD Voice
- Support receiving Video call
- POE Enabled
- 3 LCDs (Main + DSS)
- Handset / Hands-free / Headset mode
- Intelligent DSS Keys
- Optional External Power Supply

### 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
- Do-Not-Disturb
- Auto-Answering
- Voice Message (on server)
- 3-way Conference
- Hot Line
- Hot desking

### Phone Features

- Local Phonebook (1000 entries)
- Remote Phonebook (XML/LDAP, 1000 entries)
- Call logs (in/out/missed, 1000 entries)
- Black/White List Call Filtering
- Screen saver
- Voice Message Waiting Indication (VMWI)
- Programmable DSS/Soft keys
- Network Time Synchronization
- Support Bluetooth headset (Through USB Dongle BT20)
- Support Wi-Fi Dongle
- Support Plantronics wireless headset (Through Plantronics APD-80 EHS Cable)
- Support Jabra wireless headset (Through Fanvil EHS20 EHS Cable)
- Support Recording (Through Flash Drive or Server Recording)
- Action URL / Active URI
- uaCSTA

### Video

- Video codec: H.264
- Video call resolution: QCIF / CIF / VGA

### 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, AMR, iLBC
- Wideband CODEC: G.722, AMR-WB, Opus(16KHz)



- 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: 10/100/1000 Mbps Ethernet, dual bridged port for PC bypass
- IP Mode: IPv4/IPv6/IPv4&IPv6
- 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
- IPv6
- LLDP
- PPPoE
- 802.1x
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069

## 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/TR-069

- Web Management Portal
- Web-based Packet Dump
- Configuration Export / Import
- Phonebook Import/Export
- Firmware Upgrade
- Syslog

## Physical Specifications

- Main LCD x1: 4.3 inch (480x272) color-screen LCD
- DSS Key-mapping LCD x2: 2.4 inch (240x320) color-screen LCD
- Keypad: 46 keys, including
  - 4 Soft-keys
  - 8 Function keys (Hold, Call forward, Conference, Phonebook, Call log, MWI, Headset, Redial)
  - 4 Navigation keys
  - 1 OK key
  - 12 Standard Phone Digits keys
  - 3 Volume Control keys, Up/Down/Mute(Microphone)
  - 1 Hands-free key
  - 12 DSS Keys with tri-color LED
  - 1 Page-Switch (PS) key
- HD Handset (RJ9) x1
- Standard RJ9 Handset Wire x1
- 1.5M CAT5 Ethernet Cable x1
- Back Rack x1
- RJ9 Port x2: Handset x1, Headset x1
- RJ45 Port x2: Network x1, PC x1 (Bridged to Network)
- USB Port x1: Standard A, Connect with BT USB dongle, Wi-Fi USB dongle or Flash Driver
- DC Power Input: 12V/1A
- Power Consumption (POE): Idle 3.12~ 3.6W, Peak 6~10.1W
- Power Consumption (Adapter): Idle 1.97~ 2.32W, Peak 4.2~7.1W
- Working Temperature: 0~40°C
- Working Humidity: 10~95%
- Installation: Desktop Stand
- Color: Black
- Device Dimensions
  - Desktop Stand (angles 1): 263.7x200.7x169.5mm
  - Desktop Stand (angles 2): 263.7x223.5x155.7mm
- Gift Box Dimensions: 315x270x65mm
- Outer CTN Dimensions: 555x340x335mm (10 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](http://www.fanvil.com)

## Compatibility List:

