

# Enterprise IP Phone

X4/X4G



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

## Highlight

- DSS Key-mapping LCD – 6 DSS keys corresponded to the LCD display to provide dynamic DSS/BLF functions up to five pages at virtualized total 30 DSS keys.
- Fast / Gigabit Ethernet – 10/100Mbps or 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.

## Specification

### Generic

4 SIP Lines

HD Voice

PoE Enabled

2 LCDs (Main + DSS)

Handset / Hands-free / Headset mode

Intelligent DSS Keys

Desktop / Wall-mount installation

Optional External Power Supply

### Network

Physical: 10/100 Mbps (X4), 10/100/1000Mbps (X4G) Ethernet, dual bridged port for PC by pass

IP Configuration: Static / DHCP / PPPoE

Network Access Control: 802.1x

VPN: L2TP / OpenVPN

LLDP

QoS

RTCP-XR(RFC3611), VQ-RTCPXR(RFC6035)

### Phone Features

Local Phonebook (500 entries)

Remote Phonebook (XML/LDAP, 500 entries)

Call logs ( in/out/missed, 600 entries)

Black/White List Call Filter

Screen saver

Voice Message Waiting Indication (VMWI)

Programmable DSS/Soft keys

Network Time Synchronization

Support Plantronics wireless headset (Through Plantronics APD-80 EHS Cable)

Support Jabra wireless headset (Through Fanvil EHS20 EHS Cable)

Support Recording (Through Server)

Action URL / Active URI

uaCSTA

## Call Functions

Call out / Answer / Reject

Mute / Unmute (Microphone)

Call Hold / Resume

Call Waiting

Intercom

Caller ID Display

Speed Dial

Anonymous Call (Hide Caller ID)

Call Forward (Always/Busy/NoAnswer)

Call Transfer (Attended/Unattended)

Call Parking/Pick-up (Depending on server)

Redial/Auto-Redial

Do-Not-Disturb

Auto-Answering

3-way Conference

Voice Message (With server)

Hot Line

Hot desking

## Deployment & Management

Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCPOPT66/SPnP/TR-069

Web Management Portal

Web-based Packet Dump

Configuration Export / Import

Phonebook Import/Export

Firmware Upgrade

Syslog

## Protocols

SIP 2.0 over UDP/TCP/TLS

RTP/RTCP/SRTP

STUN

DHCP

LLDP

PPPoE

802.1x

L2TP

OpenVPN

SNTP

FTP/TFTP

HTTP/HTTPS

TR-069

## 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

Wideband CODEC: G.722

Full-duplex Acoustic Echo Cancellation (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



## Physical Specifications

Main LCD x1: 2.8 inch (320 x 240) color-screen LCD

Keypad: 38 keys, including

- 4 Soft-keys
- 6 Function keys (Hold, Call forward, Conference, Phonebook, Call logs, Redial)
- 4 Navigation keys
- 1 OK key
- 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 (PJC) key

DSS Key-mapping LCD x1: 2.4 inch color-screen LCD

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)

DC Power Input: 5V/600 mA(X4), 5V/1A (X4G)

Power Consumption (X4): Idle 1.2W~1.9W, Peak 2.4W~3.5W

Power Consumption (X4G): Idle 1.8W~2.5W, Peak 3W~4.5W

Working Temperature: 0~40°C

Working Humidity: 10~95%

Installation: Desktop Stand or Wall-mount

Color: Black

Device Dimensions:

- Desktop Stand (angles 1): 196 x 169 x 172 mm
- Desktop Stand (angles 2): 196 x 185.7 x 153 mm
- Wall-mount: 196 x 102.9 x 218 mm

Gift Box Dimensions: 270 x 270 x 65 mm

Outer CTN Dimensions: 555 x 340 x 290 mm (10 PCS)