Fanvil X7C Enterprise IP Phone

The Fanvil X7C IP Phone is a high-end enterprise phone with intelligent DSS key corresponding display screen, which greatly improves the working efficiency of the enterprise with advanced design and high cost performance.

Highlights

✓ Smart DSS corresponding display screen - 5 pages can be dynamically displayed, and 12 DSS keys can be set on each page. Up to 60 DSS keys can be customized.Each DSS key can be set to Line/BLF/ speed dial etc.

✓ 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
X7C	5.0" color-screen	10/100/1000Mbps	√	×

Generic

● 20 SIP Lines
● HD Voice
● Support receiving Video call
● POE Enabled
● 5 Inch Color LCD Screen
● 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 (2000 entries)
● Remote Phonebook (XML/LDAP, 2000 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
● Built-in Bluetooth 2.1: Support Bluetooth headset
● 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)
● HAC handset
● 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
- 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

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 x1:5.0 inch (800x480) color-screen LCD
- Keypad: 43 keys, including
  - 4 Soft-keys
  - 12 DSS Keys with tri-color LED
  - 1 Page-Switch (PS) key
  - 5 Function keys (Hold, MWI,Mute,Headset, Redial)
  - 4 Navigation keys
  - 1 OK key
  - 1 Return key
  - 12 Standard Phone Digits keys
  - 2 Volume Control keys, Up/Down
  - 1 Hands-free 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)
- USB2.0 Port x1: Standard A, Connect with Wi-Fi USB dongle or Flash Driver
- DC Power Input: 5V/2A
- Power Consumption (POE): 2.6~9W
- Power Consumption (Adapter): 2.4~8W
- Working Temperature: 0~40℃
- Working Humidity: 10~95%
- Installation: Desktop Stand
- Color: Black
- Device Dimensions
  - Desktop Stand (angles 1): 268x185x189mm
  - Desktop Stand (angles 2): 268x201x168mm
- Gift Box Dimensions: 342x271x63mm
- Outer CTN Dimensions: 570x340x365mm (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
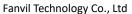
Compatibility List:

3CX | Asterisk | AVAYA | broadsoft | epygi | NEC | New Rock | OpenVox
HUAWEI | Jabra GN | Yeastar | ZTE | ZYCOO | SENNHEISER | plantronics