

FANVIL X5/X5G Enterprise IP Phone

A New Enterprise Phone with Intelligent DSS Key-mapping LCD Display

The new Fanvil X5 IP Phone is a high-end enterprise desktop phone which comes with an intelligent DSS Key-mapping LCD to increase enterprise users' productivity at a cost-effective price.




Features:

- DSS Key-mapping LCD – 8 DSS keys corresponded to the LCD display to provide dynamic DSS/BLF functions up to five pages at virtualized total 40 DSS keys.
- Fast / Gigabit Ethernet – 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.

Specifications:

Generic:

- 6 SIP Lines
- HD Voice
- POE Enabled
- 2 LCDs (Main + DSS)
- Handset(HS) / Hands-free(HF) / Head-phone(HP) mode
- Intelligent DSS Keys
- Desktop / Wall-mount installation
- Optional External Power Supply
- Economical and Environmental friendly package
- Industrial Standard Certifications: CE/FCC

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

Phone Features:

- Phonebook (500 entries)
- Remote Phonebook (XML/LDAP)
- Call log (300 entries, in/out/missed)
- Black/White List Call Filtering
- Voice Message Waiting Indication (VMWI) Programmable DSS/Soft keys
- Network Time Synchronization
- Action URL / Active URI

Audio:

- HD Voice Microphone/Speaker (Handset/ Hands-free, 0 ~ 7KHz Frequency Re-

- sponse)
- 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) – 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:

- Physical: 10/100Mbps(X5), 10/100/1000Mbps(X5G) 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
- RFC's:**
- 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
- 1.5M CAT5 Ethernet Cable x1
 - RJ9 Phone Jacket x2: Handset x1, Headphone x1
 - RJ45 Ethernet Jacket x2: Network x1 (802.3AF POE Class 2 Enabled),
 - PC x1 (Bridged to Network)
 - Main Chipset: Broadcom
 - DC Power Input: 5V/1A
 - Power Consumption: (X5) Idle – ~ 1.3W, Peak – ~4.3W
 - (X5G) Idle – ~ 1.7W, Peak – ~5.7W
 - Working Temperature: 0 ~ 40°C
 - Working Humidity: 10 ~ 65%
 - Dual-Functional Back Rack x1: Desktop Stand / Wall-mount
 - Color: Black
 - Package Dimensions: 285x270x65mm (W x H x L)

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:

- Main LCD x1: 128x64 dot-matrix with backlit
- DSS Key-mapping LCD x1: 64x192 dot-matrix
- Keypad: 38 keys, including
 - 4 Soft-keys
 - 3 Function keys
 - 4+1 Navigation keys + OK
 - 12 Standard Phone Digits keys
 - 3 Volume Control keys, Up/Down/Mute(Microphone) 1 Hands-free key
 - 8 DSS Keys with tri-color LED
 - 1 Page-Switch (PS) key with tri-color LED
 - 1 Page-Jump/Configuration (PJC) key
- HD Hands-free Speaker (0 ~ 7KHz) x1
- HD Hands-free Microphone (0 ~ 7KHz) x1
- HD Handset (RJ9) x1
- Standard RJ9 Handset Wire x1