

Fanvil X6U SIP Phone Data Sheet



ENHANCED BUSINESS TELEPHONE

Integrated by ICON for optimal performance with the ICONnect Cloud Hosted Phone Service, the Fanvil X6U SIP Telephone is an effective business tool for stress-free conversations.

Featuring 3 independent color displays, built-in Bluetooth, enhanced high-definition voice and plenty of one-touch speed dial buttons, this set makes communication a breeze.

THREE LCDs

The X6U has a 4.3" primary color display with 5 line keys and 4 soft keys. The soft keys change dynamically to provide easy access to features based on the state of the phone. The 2 secondary displays each have 6 keys x 2 pages for a total of 24 keys that can be programmed for line access or speed dial.

FEATURE HIGHLIGHTS

- 3-way Conference, Transfer, Hold
- 5 Line Keys on the 4.3" Main Color Display
- 12 DSS Keys on the 2 x 2.4" Side Color Displays
- HD Audio with Harman Speaker, Wideband Codec G.722 and Opus
- Built-in Bluetooth for Connecting a Headset
- RJ9 Headset Jack (Supports EHS Headset)
- USB-A 2.0 for USB Dongle/Flash Drive
- Two Gigabit Ports
- Integrated PoE
- Supports IPv4 and IPv6 Protocols
- Stand with Adjustable Angle of 45° or 50°
- Optional Wall-Mounting Bracket (Not Included)



SET FEATURES

- 3 Color LCDs (1 Main + 2 DSS)
- 20 SIP Lines
- Action URL / Active URI
- Call Filter, Blacklist / Whitelist
- Call Log (In/Out/Missed, 1000 entries)
- Desktop Stand with Option for Wall Mount (Requires Additional Hardware)
- DSS Keys with Idle / Busy / Ringing LED Indication
- Handset / Hands-free / Headset Mode
- Headset Support
 - Bluetooth Headset (Built-in Bluetooth 2.1)
 - Jabra Wireless Headsets (Requires Fanvil EHS20 EHS Cable)
 - Plantronics Wireless Headsets (Requires Plantronics APD-80 EHS Cable)
- HD Voice
- Message Waiting Indication (MWI)
- Network Time Synchronization
- Optional External Power Supply
- Phone Functions Supported by ICONnect Server
- Phonebook - Personal (2000 Entries) and Company (XML/LDAP, 2000 Entries)
- PoE Enabled
- Programmable DSS / Soft Keys
- Screen Saver
- Wi-Fi Dongle (Optional)

CALL FEATURES

- Auto-answer
- Anonymous Call (Hide Caller ID)
- Call Forward (Always / Busy / No Answer)
- Call Hold / Resume
- Call Park / Pick-up
- Call Transfer (Attended / Unattended)
- Call Waiting
- Caller ID Display
- Conference Call (3-way Conference)
- Do Not Disturb (DND)
- Hot Line
- Intercom
- Make Call / Answer Call / Reject Call
- Mute / Unmute (Microphone)
- Redial
- Speed Dial
- Voice Message Indication with Message Waiting Lamp

AUDIO FEATURES

- DTMF: In-band, Out-of-Band – DTMF-Relay (RFC2833) / SIP INFO
- Dynamic Adaptive Jitter Buffer
- Full-duplex Acoustic Echo Cancellation (AEC)
- Hearing Aid Compatible (HAC) Handset
- HD Voice Microphone / Speaker (Handset / Hands-free, 0 ~ 7 KHz Frequency Response)

- Narrowband Codec: G.711a/u, G.723.1, G.726-32K, G.729AB, AMR, iLBC
- Packet Loss Concealment (PLC)
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction (NR)
- Wideband ADC / DAC 16 KHz Sampling
- Wideband Codec: G.722, AMR-WB, Opus

NETWORK

- IP Configuration: Static IP / DHCP / PPPoE
- IP Mode: IPv4 / IPv6 / IPv4 & IPv6
- Network Access Control: 802.1x
- LLDP
- Physical: 10 / 100 / 1000 MBPS Ethernet, Dual Bridged Port for PC Bypass
- QoS
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
- VLAN
- VPN: L2TP / OpenVPN

PROTOCOLS

- 802.1x
- DHCP
- FTP / TFTP
- HTTP / HTTPS
- IPv6
- L2TP
- LLDP
- OpenVPN
- PPPoE
- RTP / RTCP / SRTP
- SIP 2.0 over UDP / TCP / TLS
- SNTP
- STUN
- TR-069
- uaCSTA

DEPLOYMENT & MANAGEMENT

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

PHYSICAL SPECIFICATIONS

- 1.5 M CAT5 Ethernet Cable x 1
- Back Rack (Desktop Stand) x 1
- Color: Black
- Device Dimensions:
 - Desktop Stand (45°Angle): 239 x 199.3 x 185.8 mm
 - Desktop Stand (50°Angle): 239 x 188.5 x 195.6 mm



- Wall-mounted: 239 x 119.2 x 233.6 mm
- DSS Key-mapping LCD x 2: 2.4-inch (240 x 320) Color Screen
- HD Handset with Handset Wire (RJ9) x 1
- Keypad: 51 Keys, Including:
 - 1 Hands-free Key (with LED Indicator Light)
 - 1 OK Key
 - 1 Page-Switch (PS) Key
 - 3 Volume Control Keys (Up / Down / Mute (Microphone))
 - 4 Soft-keys
 - 4 Navigation Keys
 - 5 Line Keys (with LED Indicator Light)
 - 8 Function keys (Hold, Call Forward, Conference, Phone book, Call Log, Message Waiting Indication, Headset, Redial)
 - 12 Dial Pad Keys
 - 12 DSS Keys (with LED Indicator Light)
- Main LCD x 1: 4.3-inch (480 x 272) Color Screen
- Power
 - DC Power Input: 5V / 2A
 - Power Consumption (PoE): 1.7 W ~ 10.46 W
 - Power Consumption (Optional AC Adapter): 1.38 W ~ 9.13 W
- RJ9 Port x 2: Handset x 1, Headset x 1
- RJ45 Port x 2: Network x 1, PC x 1
- Safety Keyhole x 1
- Status Indicator Light x 1 (Red)
- USB 2.0 Port x 1: Standard A, Connect with Wi-Fi USB Dongle or Flash Driver
- Working Humidity: 10% ~ 95%
- Working Temperature: 0° ~ 45°

About ICON Cloud Solutions

ICON specializes in cloud and customer-premises based voice, video, alert and unified communications platforms.

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