

# Fanvil X4U SIP Phone Data Sheet



## BUSINESS TELEPHONE

The Fanvil X4U SIP Telephone, integrated by ICON for optimal performance with the ICONnect VP Hosted Phone Service, is a stylish phone that offers a complete menu of business communications features.

With 2 independent color displays, optional Bluetooth dongle, enhanced high-definition voice and plenty of one-touch speed dial buttons, this set can be customized to ensure productive communications in every environment.

## PROGRAMMABLE SELF-LABELING KEYS

The X4U has a 2.8" primary color display with 3 line keys and 4 soft keys. The soft keys are programmable and will change dynamically to provide easy access to features based on the state of the phone. The secondary display has 6 keys x 2 pages for a total of 12 keys that can be programmed for line access or speed dial.

## FEATURE HIGHLIGHTS

- 3-way Conference, Transfer, Hold
- 3 Line Keys on the 2.8" Main Color Display
- 6 DSS Keys on the 2.4" Side Color Display
- HD Audio with Wideband Codec G.722 and Opus
- Bluetooth Headset via Optional Dongle
- 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

- 2 Color LCDs (1 Main + 1 DSS)
- 12 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 with optional Dongle
  - 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 (RFC 2833) / 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 - 32 K, 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): 214 x 188.6 x 181.1 mm
  - Desktop Stand (50° Angle): 214 x 180.5 x 190.1 mm



- Wall-mounted: 214 x 119.4 x 239.1 mm
- DSS Key-mapping LCD x 1: 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 Line Keys (with LED Indicator Light)
  - 3 Volume Control Keys (Up / Down / Mute (Microphone))
  - 4 Soft-keys
  - 4 Navigation Keys
  - 6 DSS Keys (with LED Indicator Light)
  - 6 Function keys (Hold, Call Forward, Conference, Message Waiting Indication, Headset, Redial)
  - 12 Dial Pad Keys
- Main LCD x 1: 2.8-inch (320 x 240) 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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