

Fanvil X306 Easy-to-use IP Phone - Dark Blue (X306 grey blue)



Product Name: Fanvil X306 Easy-to-use IP Phone - Dark Blue (X306 grey blue)

Manufacturer: Fanvil

Model Number: X306-B

Please Note: The power adapter is optional and not included. The X306 can be powered via PoE (IEEE 802.3af) or an optional 5V/2A DC adapter (sold separately).

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The Fanvil X306 Easy-to-use IP Phone is a high-performance SIP desk phone designed to combine intelligent communication, user-friendly operation, and multi-scenario adaptability. At its core is a 3.5-inch 320x240 high-definition colour screen with an intuitive UI, paired with oversized numeric keys featuring Braille markings to meet the needs of a wide range of users. A 5W high-volume speaker and dual-microphone array with 5-metre long-distance pickup ensure clear and smooth calls across a variety of environments. The X306 supports 2 SIP lines and 4 DSS keys with customisable functions and icon replacement. A distinctive red emergency key supports customisable speed dialling for emergency contacts or frequently dialled numbers. HD voice support via G.722 and Opus delivers high-quality audio, while a Hearing Aid Compatible (HAC) handset ensures accessibility. Built-in dual-band Wi-Fi 6 (2.4GHz and 5GHz) and Bluetooth 5.0 provide flexible, high-speed wireless connectivity, with Bluetooth External Line support enabling seamless mobile phone contact sync and call handover. Whether for daily office use, home communication, or rapid calling in specific scenarios, the X306 is an ideal communication partner for modern smart office applications. Fanvil X306 Technical Specifications:

Phone Functions

- 1/2 Local phonebook: 1000 entries
- 1/2 Remote phonebook: XML/LDAP
- 1/2 Call logs: in/out/missed, 600 entries
- 1/2 Blocked list / Allowed list
- 1/2 Screen saver
- 1/2 Voice Message Waiting Indication (VMWI)
- 1/2 User-defined soft key
- 1/2 Network time synchronisation
- 1/2 Support recording (through server)
- 1/2 Built-in Bluetooth 5.0: connect to BT headset, pair with mobile phone
- 1/2 Bluetooth External Line: sync mobile phone contacts, seamless call handover
- 1/2 Built-in dual-band Wi-Fi 6: 2.4GHz 802.11 b/g/n/ax; 5GHz 802.11 a/n/ac/ax
- 1/2 Action URL / Active URI
- 1/2 Customise background image, boot logo, ringtone
- 1/2 uaCSTA

Call Functions

- 1/2 Call out / Answer / Reject
- 1/2 Mute / Unmute (microphone)
- 1/2 Call Hold / Resume
- 1/2 Call Waiting
- 1/2 Intercom
- 1/2 Caller ID Display
- 1/2 Speed Dial
- 1/2 Anonymous Call (Hide Caller ID) / Ban Anonymous Call
- 1/2 Call Forward (Always / Busy / No Answer)
- 1/2 Call Parking / Pick-up (depending on server)
- 1/2 Redial / Predial / Call Back

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- Do-Not-Disturb (DND) / Timed DND
- Auto-Answering
- SIP SMS
- Voice Message (on server)
- SIP Hotspot
- Hot Line / Hot Desking
- IP Direct Dialling
- Fuzzy Search
- Action Plan / Digit Collection Rules
- Call Completion / Auto Redial
- Primary and Backup SIP Servers
- Default Ext Line
- Multicast

Audio

- HD Voice: HD handset, HD speaker
- HAC handset
- Wideband ADC/DAC 16KHz sampling
- Narrowband codecs: G.711a/u, G.723.1, G.726, G.729, G.729A, G.729B, G.729AB, iLBC
- Wideband codecs: G.722, Opus
- Full-duplex Acoustic Echo Cancellor (AEC)
- VAD / CNG / BNE / NR / AGC
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer
- DTMF: in-band, out-of-band (RFC2833 / SIP INFO)
- VQM voice quality monitoring
- Sidetone support

Network

- Physical: 10/100 Mbps Ethernet
- IP mode: IPv4 / IPv6 / IPv4&IPv6
- IP configuration: Static IP / DHCP / PPPoE
- Network access control: 802.1x
- VPN: OpenVPN / L2TP
- VLAN, LLDP, QoS
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
- DNS-SRV (RFC3263)
- Redundant server support
- Agent
- HTTPS mutual authentication
- Wi-Fi encryption: WPA / WPA2-PSK / 802.1X EAP

Protocols

- SIP v1 (RFC2543) / v2 (RFC3261)
- UDP / TCP / TLS 1.3
- RTP / RTCP / SRTP (optional/compulsory)
- STUN, DHCP, IPv6, LLDP, PPPoE, 802.1x, 802.1p/Q, L2TP, OpenVPN, SNTP, FTP/TFTP, HTTP/HTTPS, TR-069, AES128 & AES256

Deployment and Management

- Auto-provisioning via FTP / TFTP / HTTP / HTTPS / DHCP OPT66 / SIP PNP / TR-069

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- Screenshot
- Web Management Portal
- Web-based packet dump
- Configuration export / import
- Phonebook import / export
- Firmware upgrade and online upgrade
- Syslog
- Network firewall

Physical Specifications

- Display: 3.5-inch (320x240) colour screen
- Keypad: 25 keys including 3 soft keys, 3 function keys (Mute, Headset, Redial), 4 DSS keys, 1 Speed Dial key (red), 12 standard digit keys, 2 volume control keys
- Ports: RJ9 handset port x1, RJ45 network port x1, Type-C power supply port x1, security slot x1
- Status indicator light: x1 (Red)
- Power: DC 5V/2A or PoE (IEEE 802.3af)
- Power consumption (adapter): 1.08–6.2 W
- Power consumption (PoE): 1.7–7.68 W
- Working temperature: 0–45°C
- Working humidity: 10–95%
- Installation: desktop stand
- Colour: Dark Blue
- Dimensions (W x D x H): 18.6 x 23 x 6.9 cm

Package Contents

- 1 x Fanvil X306 IP Phone (Dark Blue)
- 1 x HD Handset (RJ9)
- 1 x Standard RJ9 Handset Wire
- 1 x 1.5M CAT.5E Ethernet Cable
- 1 x Desk Stand

Price: Â£105.20