

Fanvil X306 Big Button IP Phone

The Fanvil X306 big button IP Phone is an intelligent communication terminal specially designed for seniors and individuals with special needs.



Highlights

- ✓ 3.5-inch(320x240)color screen
- ✓ 10-digit keys with Braille dots
- ✓ 4 speed dial buttons, support image customization
- ✓ Built-in dual-band Wi-Fi 6/Bluetooth 5.0
- ✓ Extra-loud volume exceeds standard phones to meet seniors' hearing needs
- ✓ 5m long-range mic enables clear conversations without leaning in
- ✓ Red emergency button + AI voice control for double protection
- ✓ Support audio codec G.722 and Opus
- ✓ Bluetooth connectivity syncs phone contacts and enables seamless call transfer to handset
- ✓ Features video decoding for one-touch door release with access control systems

Generic

- 2 SIP Lines
- HD Voice
- PoE
- Built-in dual-band Wi-Fi 6
- Hand set / Hands-free
- Intelligent DSS Keys
- AI voice recognition
- Bluetooth Cellular Connectivity
- Power Supply
- Desktop Stand

Phone Functions

- Programmable DSS keys
- Action URL / Active URI
- Built-in dual-band Wi-Fi 6
 - 2.4GHz, 802.11 b/g/n/ax
 - 5GHz, 802.11 a/n/ac/ax
- Bluetooth 5.0
- Action URL / Active URI
- Web dial
- Dial plan
- SIP Hotspot
- Distinctive ring
- Built in Wi-Fi SSID
- Speed Dial / Answer
- Voice Message
- Hot Line

Audio

- Wideband ADC/DAC 16KHz Sampling
- Narrowband Codec: G.711a/u, G.723.1, G.726, G.729A/B, iLBC
- Wideband Codec: G.722, Opus
- Full-duplex Acoustic Echo Canceller (AEC)
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background

Noise Estimation (BNE) / Noise Reduction (NR) / Automatic Gain Control (AGC)

- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer
- DTMF: In-band, Out-of-Band (RFC2833/ SIP INFO)
- VQM voice quality monitoring

Vedio

- Vedio decoding: H.264

Network

- Physical: 10/100 Mbps Ethernet
- IP Mode: IPv4/IPv6/IPv4&IPv6
- IP Configuration: Static IP / DHCP / PPPoE
- Wi-Fi Encryption: WPA / WPA2-PSK / 802.X EAP
- Network Access Control: 802.1x
- VPN: L2TP / OpenVPN
- VLAN: 802.1P/Q
- LLDP
- QoS
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)

Protocols

- SIP v1 (RFC2543), v2 (RFC3261) over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- IPv6
- PPPoE
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069

Deployment & Management

- Auto-provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069
- Web management portal
- Web-based packet dump
- Configuration export / import
- Firmware upgrade
- Syslog

Physical Specifications

- LCD: 3.5-inch(320x240)color screen
- Keypad: 25 keys, including
 - 12 Standard Phone Digits keys(Braille dots)
 - 4 DSS keys
 - 3 soft keys
 - 3 function keys(emergency call/redial/mute)
 - 2Volume Control keys (Up/Down)
 - 1 Hands-free key
- MSG indicator (with red color LED) x1
- Handset (RJ9) x1
- Standard RJ9 Handset Cord x1
- 1.5 M CAT5 Ethernet Cable x1
- RJ9 Port x1: Handset x1
- RJ45 Port x1: Network x1
- Power: DC 5V 2A or PoE
- Working Temperature: 0~45℃
- Working Humidity: 10~95%
- Installation: Desktop
- Color: White

