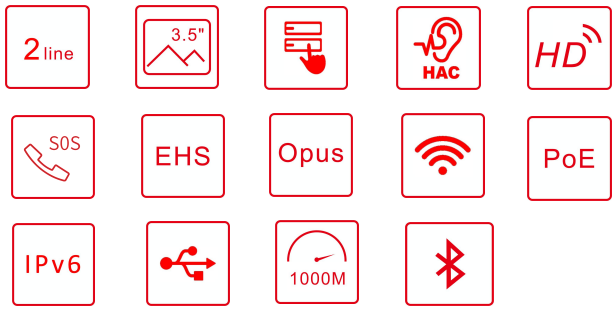


Fanvil X305 Big Button IP Phone

Fanvil X305 is a big button IP phone designed for nursing homes, hospital, and other scenarios. It features a 3.5-inch color screen and big buttons, supporting 2 SIP lines and PoE power supply to offer user-friendly experience. X305 has built-in 2.4GHz & 5GHz Wi-Fi, and supports 433MHz wireless buttons, providing an efficient and high-quality communication experience for seniors.





Highlights

- ☑ 3.5-inch（320x240）color screen
- ☑ 10-digit keys with Braille dots to meet special needs
- ☑ Support 433 MHz wireless buttons (Fanvil KT 1x/2x/3x Series)
- ☑ Four speed dial buttons, support image customization
- ☑ Support HD audio, with adjustable volume key
- ☑ Built-in bluetooth 4.2 and 2.4GHz/5GHz Wi-Fi
- ☑ Hearing Aid compatible (HAC)
- ☑ Dual Gigabit ports, integrated PoE
- ☑ Desktop / wall-mounted installation

Generic

- 2 SIP Lines
- HD Voice
- PoE Enabled
- 3.5-inch color screen
- DSS keys (support image customization)
- Handset / Hands-free / Headset mode
- Optional External Power Supply

Phone Functions

- Local Phonebook (1000 entries)
- Remote Phonebook (XML/LDAP, 1000 entries)
- Call logs (In/Out/Missed, 600 entries)
- Black/White List Call Filter
- Screen saver
- Voice Message Waiting Indication (VMWI)
- Programmable DSS/Soft keys
- Network Time Synchronization
- Support Bluetooth 4.2
- Built-in Wi-Fi
  - 2.4G, 802.11 b/g/n
  - 5G, 802.11 a/n
- Support Plantronics wireless headset (Through Plantronics APD-80 EHS Cable)
- Support Jabra wireless headset (Through Fanvil EHS20 EHS Cable)
- Support 433MHz wireless buttons (Fanvil KT 1x/2x/3x Series)
- Support Recording (Through Server & Flash Driver)
- Action URL / Active URI
- uaCSTA

Call Functions

- Call out / Answer / Reject
- Mute / Unmute (Microphone)
- Call Hold / Resume
- Call Waiting
- Intercom
- Caller ID Display
- Anonymous Call (Hide Caller ID)
- Call Forward (Always/Busy/No Answer)
- Call Parking/Pick-up (Depending on server)
- Redial
- Do-Not-Disturb
- Auto-Answering
- Voice Message (With server or flash driver)
- Hot Line
- Hot desking

Audio

- HD Voice Microphone/Speaker (Handset/Hands-free, 0 ~ 7KHz Frequency Response)
- HAC handset
- 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
- Support sidetone

Network

- Physical: 10/100/1000Mbps Ethernet, dual bridged port for PC bypass
- IP Mode: IPv4/IPv6/IPv4&IPv6
- IP Configuration: Static IP / DHCP / PPPoE
- Network Access Control: 802.1x
- Wi-Fi Encryption: WPA/WPA2-PSK /802.X EAP
- VPN: L2TP / OpenVPN
- VLAN
- LLDP
- QoS
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)

Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- IPv6
- LLDP
- PPPoE
- 802.1x
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069
- AES128 & AES256

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
- Phonebook Import/Export
- Firmware Upgrade
- Syslog

Physical Specifications

- LCD: 3.5-inch (320x240) Color Screen
- Up to 10 wireless emergency buttons supported
- 433 wireless emergency buttons specification：
  - communication mode：FSK
  - working frequency：433MHZ
  - communication protocol：Ebelong1.1
- Keypad:
  - 4 DSS keys
  - 3 Soft-keys
  - 3 Function keys (MWI, Redial, HELP)
  - 10 Standard Phone Digit keys
  - 2 Volume Control keys (Up/Down)
  - 1 Hands-free key
- HD Handset (RJ9) x1
- Standard RJ9 Handset cord x1
- 1.5M CAT.5E Ethernet cable x1
- Back Rack x1
- Status Indicator Light x1 (Red)
- RJ9 Port x2: Handset x1, Headset x1
- RJ45 Port x2: Network x1, PC x1 (Bridged to Network)
- USB2.0 Port x1: Standard A, connect with flash driver & USB headset
- Security Slot x1
- DC Power Input: DC5V / 2A
- Power Consumption (PoE):1.65W~9.07W
- Power Consumption (Adapter):1.09W~6.76W
- Working Temperature: 0~45℃
- Working Humidity: 10~95%
- Installation:
  - Desktop Stand
  - Wall-mounted (optional)
- Color: white
- N.W/CTN: 12.1 kg
- G.W/CTN: 12.7 kg
- Device Dimensions:
  - Desktop Stand (Angles 1: 45 degree): 236x157.4x162.4mm
  - Desktop Stand (Angles 2: 55 degree): 236x142.3x179mm
  - Wall-mounted: 236x98.9x204.2mm
- Gift Box Dimensions: 340x195x72mm
- Outer CTN Dimensions: 410x385x360mm (10 PCS)