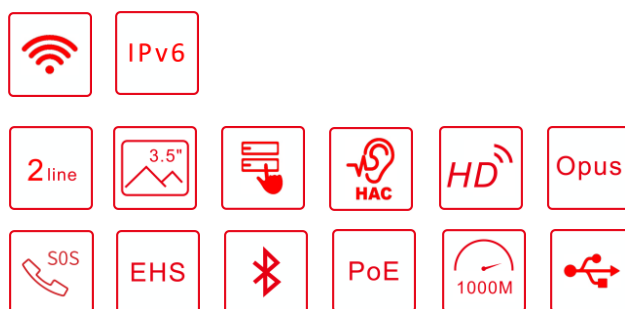


# X305 Color Screen IP Phone for Seniors

The X305 is a 240x320-3.5-inch color network phone that supports HD calls and supports Gigabit Ethernet and PoE power. In addition to dual-band Wi-Fi and Bluetooth support for 2.4G and 5G, the X305 also comes with 433MHz band based wireless transmission, allowing you to use the HELP button to call for help in an emergency. It breaks the size design of conventional phone keys and adds braille to each number key, making it a versatile phone that can serve special groups.

## Highlights

- ✓ Large Braille keys - A Braille design plus size key is added to each number key to meet the needs of special groups
- ✓ Virtual programmable key - Supports the custom configuration of 4 DSS keys, can display 4 pages, each page can be set to display the status of the DSS key
- ✓ High resolution high loudness speech - Support G.722, Opus and other speech coding, can handle a variety of audio applications; The loudness is higher than that of conventional phones, which can meet the hearing needs of the elderly
- ✓ Support 2.4GHz & 5GHz dual-band WiFi and Bluetooth 4.2, support 433MHz band wireless reception function
- ✓ Gigabit Ethernet—Adaptive 10/100/1000Mbps network ports that provide high-speed network transport and support PoE power.



## Generic

- 2 SIP Lines
- HD Voice
- PoE Enabled
- 3.5-inch color screen
- Handset / Hands-free / Headset mode
- Intelligent DSS Keys
- Desktop Stand / Wall mountable (optional)
- 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 headset
- Built-in Wi-Fi
  - 2.4GHz, 802.11 b/g/n
  - 5GHz, 802.11 a/n
- Support Poly wireless headset (Through Poly APD-80 EHS Cable)
- Support Jabra wireless headset (Through Fanvil EHS20 EHS Cable)
- Support Recording (Through Server)
- Action URL / Active URI
- uaCSTA

## Call Functions

- Call out / Answer / Reject
- Mute / Unmute (Microphone)
- Call Hold / Resume
- Intercom
- Caller ID Display
- Anonymous Call (Hide Caller ID)
- Speed Dial
- Call Forward (Always/Busy/No Answer)

- Call Parking/Pick-up (Depending on server)
- Redial
- Do-Not-Disturb
- Auto-Answering
- Voice Message (On server)
- Hot Line
- Hot desking

## Audio

- HD Voice Microphone/Speaker (Handset/Hands-free, 0 ~ 7KHz Frequency Response)
- Wideband ADC/DAC 16KHz Sampling
- Narrowband Codec: G.711U, G.711A, G.729AB, iLBC, G723.1, G726
- 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 side tone

## Network

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

## 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: 3.5inch (240x320) Color Screen
- Keypad: 25 keys, including
  - 4 side keys (with replaceable cards)
  - 3 Soft-keys
  - 3 Function keys (MWI/Redial/HELP)

- 12 Standard Phone Digits keys
- 3 Volume Control keys (Up/Down/Mute (Microphone))
- Handset (RJ9) x1
- Standard RJ9 Handset Wire x1
- 1.5M CAT.5E Ethernet Cable x1
- Desktop stand 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 interface x1: Standard A
- Security Slot x1
- DC Power Input: DC5V / 2A
- Power Consumption(PoE): 1.65~9.07W
- Power Consumption(Adapter): 1.09~6.76W
- Working Temperature: 0~45℃
- Working Humidity: 10~95%
- Installation:
  - Desktop Stand
  - Wall mountable (optional )
- Color: white
- N.W/CTN: kg
- G.W/CTN: kg
- Device Dimensions:
  - Desktop Stand (45°): 236x157.4x162.5mm
  - Desktop Stand (55°): 236x157.4x162.5mm
  - Wall mountable: 236x157.4x162.5mm
- Gift Box Dimensions: 236x157.4x162.5mm
- Outer CTN Dimensions: 410x385x360mm (10 PCS)

The above specifications may be updated in the future without prior notice. All hardware/software/physical features should be based on the final shipped products. For more information, please visit: [www.fanvil.com](http://www.fanvil.com)

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