

# Amplified X305 Colour Screen IP Phone for Seniors



## Highlights

- Large keys with Braille
- 4 Photo memory keys and 3 programmable DSS keys
- High resolution high loudness speech
- Support 2.4GHz & 5GHz dual-band WiFi and Bluetooth 4.2
- 433MHz band wireless reception
- Gigabit Ethernet Adaptive 10/100/1000Mbps PoE network port

## Generic

- 2 SIP Lines
- Large buttons with Braille
- HD Voice
- PoE Enabled
- 3.5-inch color screen
- Handset / Hands-free / Headset mode
- Intelligent DSS Keys
- Desktop Stand / Wall mountable (optional)

## Phone Functions

- Local Phone book (1000 entries)
- Call logs (In/Out/Missed, 600 entries)
- Black/White List Call Filter
- Screen saver
- Voice Message Waiting Indication
- 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
- RTP/RTCP (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
- SNTIP
- 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
  - Optional External Power Supply
- 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
  - Wall/Desktop/mountable:Stand(55°): 236x157.4x162.5mm236x157.4x162.5mm
- 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)