X7A Android Touch Screen IP Phone

As a high-end enterprise IP phone with Android 9.0, Fanvil X7A provides a more intelligent and smoother touch operation experience for the users. 116 DSS keys on the 7-inch color touch screen, supported 3rd party apps, built-in 2.4GHz/5GHz dual-band WiFi, built-in Bluetooth 4.2 allows daily communication smarter and simpler. Matching an adjustable USB camera, Fanvil X7A can deliver a superb audio and video for the group conference.



7-inch color Screen | 20 SIP Lines | 1000 Mbps | HD Voice | HD Video | PoE enabled | 10-way Audio Conference | IPv4/IPV6/ IPv4&IPv6

Android 9.0 | Built-in Wi-Fi | Built-in BT4.2 | USB Port | HAC | DSS Keys | EHS headset

Highlights

- ☑ 7-inch (1024x600) color touchscreen with intuitive controls at your fingertips.
- ☑ Supports H.264 video codec. Can be paired with cameras/Fanvil video intercoms to receive video calls, allowing you to view the intercom video on the phone screen and remotely unlock the door.
- ☑ Support 10-way audio conferencing and 3-way video conferencing.
- ☑ Powered by Android 9.0 operating system, it offers a comprehensive SDK (Software Development Kit) to meet the customization needs of industry applications and facilitate secondary development.
- ☑ Built-in 2.4GHz/5GHz Wi-Fi and Bluetooth 4.2 , realizing more flexible connectivity.
- ☑ Up to 116 DSS keys, every DSS key can be set as Line/BLF/ Speed Dial Key.

Generic

- 20 SIP lines
- Dual Gigabit ports，PoE enabled
- 7-inch (1024x600) color screen
- Handset / hands-free / headset mode
- Intelligent DSS keys(Virtual buttons)
- Desktop stand
- Optional external power supply

Operation System

- Android 9.0 with higher security and better compatibility
- Built-in Applications:
- Files, Calendar, Gallery, Browser, Email, Calculator, Notepad,
- Sound Recorder, Clock, Video, Music
- Support 3rd Party Applications
- Secondary Development of API

Phone Functions

- Local Phonebook (2000 entries)
- Remote Phonebook (XML/LDAP)
- Call logs (In/Out/Missed/Forward,1000 entries)
- Blocked List/Allowed List
- Screen saver
- Voice Message Waiting Indication (MWI)
- Programmable DSS/Soft keys
- Network Time Synchronization
- Built-in Bluetooth BLE 4.2: Support Bluetooth headset/ Pairing mobile devices
- Built-in dual band Wi-Fi
  - 2.4GHz, 802.11 b/g/n
  - 5GHz, 802.11 a/n/ac
- Support Poly wireless headset (Through Poly APD-80 EHS Cable)
- Support Jabra wireless headset (Through Fanvil EHS20 EHS Cable)
- Support Recording
- Action URL / Active URI
- XML Browser
- Multi language operation interface
- Customize Background
- uaCSTA
- Customize Incoming Call Ringtone
- time Plan (timed reboot/timed forward/timed upgrade/timed config)
- Hidden DTMF
- Ring From Headset
- Customize BLF
- Customize UI Display

Call Functions

- Call out / Answer / Reject
- Mute / Unmute (Microphone)
- Call Hold / Resume
- Call Waiting
- Intercom
- Caller ID Display
- Speed Dial
- Caller ID with name, number and photo
- Anonymous Call (Hide Caller ID)/Ban Anonymous call
- Call Forward (Always/Busy/No Answer)
- Call Transfer (Attended/Unattended)
- Call Parking/Pick-up (Depending on server)
- Redial
- Predial
- Call Back
- Do-Not-Disturb(DND)/Timed DND
- Auto-Answering
- SIP SMS
- Voice Message
- SIP Hotspot
- 10-way Audio Conference
- 3-way Video Conference
- Hot Line
- Hot Desking
- Emergency call
- Direct IP call without SIP proxy
- Fuzzy Search Call
- Action Plan
- Dial Plan
- Call Completion/Auto Redial
- Primary and Backup SIP Servers
- Default Ext Line
- Group listening
- Multicast

Audio

- HD Voice: HD handset, HD speaker
- HAC Handset
- Wideband ADC/DAC 16KHz Sampling
- Narrowband Codec: G.711a/u, G.729,G.729A,G.729B,G.729AB, 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 (AJB)
- DTMF: In-band, Out-of-Band (RFC2833/ SIP INFO)
- VQM voice quality monitoring

Video

- Video decoding: H.264
- Video call resolution: QVGA / CIF / VGA / 4CIF / 720p / 1080p
- Image format: JPEG/PNG/BMP
- Video format: MP4
- Bandwidth selection: 64kbps~4Mbps
- Frame rate selection: 5~30fps
- Video from remote site can be displayed in full screen
- Video Preview

Network

- Physical: 10/100/1000 Mbps Ethernet, dual bridged port for PC bypass
- IP Mode: IPv4/IPv6/IPv4&IPv6
- IP Configuration: Static IP / DHCP
- Network Access Control: 802.1x
- VPN: OpenVPN(Requires third-party app support)/ L2TP/PPTP/IPSec
- VLAN
- LLDP
- QoS
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
- DNS-SRV (RFC 3263)
- Support Redundant Servers
- Agent
- Https Mutual Authentication
- Wi-Fi Security Mode：WPA/WPA2-PSK/802.1X EAP

Protocols

- SIP v1 (RFC2543) v2(RFC3261)
- UDP/TCP/TLS
- TLS 1.3
- RTP/RTCP/SRTP（Optional/Compulsory）
- STUN
- DHCP
- IPv6
- LLDP
- PPPoE
- 802.1x
- 802.1p/Q
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069
- AES128 & AES256
- IEEE 802.3az

Deployment & Management

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069
- Screenshot
- Web Management Portal
- Web-based Packet Dump
- Support for Fanvil Cloud Management System (FDMS)
- Configuration Export / Import
- Phonebook Import/Export
- Firmware Upgrade
- Syslog
- Network Firewall
- Online Upgrade

Physical Specifications

- LCD:7-inch(1024x600)colortouchscreen,IPS
- Indicator light
- Keypad: 26 keys, including
  - 5 Function keys (Hold, MWI, Mute, Headset, Redial)
  - 4 Navigation keys
  - 1 OK key
  - 1 Return key
  - 12 Standard Phone Digits keys
  - 2 Volume Control keys, Up/Down
  - 1 Hands-free key
- HD Handset (RJ9) x1
- Standard RJ9 Handset Wire x1
- 1.5M CAT5 Ethernet Cable x1
- Back Rack x1
- 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
- Safety keyhole x1
- Power:DC 5V/2A or PoE
  - POE complies with the IEEE 802.3af standard
  - Power adapter: Input:100-240VAC~50/60Hz Output: 5V/2A
- 802.3az Energy-saving mode
- Power Consumption (PoE): 1.596~11.86W
- Power Consumption (Adapter): 0.907~9.38W
- Working Temperature: 0~45℃
- Working Humidity: 10~95%
- Qty/CTN：10pcs
- N.W/CTN: 16.6kg
- G.W/CTN: 17.72kg
- Color:Black
- Installation: Desktop Stand
- Device Dimensions
  - Desktop Stand (45°): 268x185x189mm
  - Desktop Stand (40°): 268x201x168mm
- Gift Box Dimensions: 304x297x66mm
- Outer CTN Dimensions: 616x358x329mm (10 PCS)