

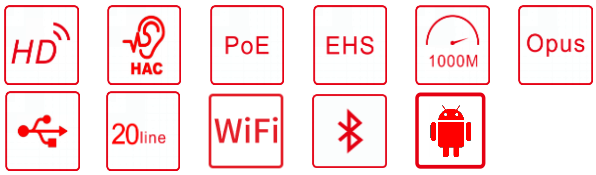
Fanvil A320 Android Touch Screen IP Phone

As a high-end enterprise IP phone based on Android 9.0 OS, the Fanvil A320 provides users with an intelligent and smooth touch operation experience. Featuring 112 DSS keys, a 10.1-inch color touch screen, Wi-Fi, and Bluetooth, the Fanvil A320 enables smart and simple daily communication. It has a built-in adjustable camera and an HD handset, delivering a great audio and video experience for group conferences. Fanvil A320 is compatible with the standard SIP protocol and is an ideal choice for office or management center with functions such as making video calls, two-way intercom, and monitoring.



Highlights

- 10.1-inch touch screen, 112 DSS keys
- 20 SIP Lines
- Support 10-way audio conferencing and 3-way video conferencing
- Built-in adjustable 8 mega-pixel camera with a privacy cover
- Support HD audio with G.722 and Opus
- Support video codec H.264, providing premium HD video calls
- Built in 2.4G/5G Wi-Fi and Bluetooth 5.0
- Dual Gigabit ports, Integrated PoE



G

Generic

- 20 SIP Lines
- HD Voice
- Support Video Call
- PoE Enabled
- 10.1-inch (1280x800) color touch screen
- Handset / Hands-free / Headset mode
- Intelligent DSS Keys (virtual buttons)
- Optional External Power Supply

Operation System

- Android 9.0 OS with higher security and better compatibility
- Built-in applications:
  Files, Calendar, Gallery, Browser, Email, Calculator, Notepad, Sound Recorder, Clock, Video, Music
- Secondary development of API
- Support third-party applications installation

Phone Features

- Local phonebook (2000 entries)
- Remote phonebook (XML/LDAP, 2000 entries)
- Intelligent search for contacts and call Log
- Call logs (In/out/missed, 1000 entries)
- Black/White list call filter
- Screen saver
- Voice message waiting indication (VMWI)
- rogrammable DSS/Soft keys
- Network time synchronization
- Built-in Bluetooth 5.0
- Built-in Wi-Fi
  - ✓ 2.4GHz, 802.11 b/g/n
  - ✓ 5GHz, 802.11 a/n/ac
- Action URL / Active URI
- UaCSTA
- Audio/Video recording
- SIP Hotspot
- Group broadcasting
- Action plan
- Group listening

Call Features

- Call out / Answer / Reject
- Mute / Unmute (Microphone)
- Call Hold / Resume
- Call Waiting
- Intercom
- Caller ID Display
- Speed Dial
- Anonymous Call (Hide Caller ID)
- Call Forwarding (Always/Busy/No Answer)
- Call Transfer (Attended/Unattended)
- Call Parking/Pick-up (Depending on server)

- Redial
- Do-Not-Disturb
- Auto-Answering
- Voice Message (On server)
- 10-party Audio Conference,3-party Video Conference
- Hot Line
- Hot desking
- BLF

Video

- Video decoding: H.264, H.265(optional)
- Video call resolution: 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 call
- Video Preview
- Camera
  - 8 mega-pixel (Adjustable Angle)
  - Mechanical shutter for privacy

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.729AB, iLBC
- Wideband Codec: G.722, Opus
- Full-duplex Acoustic Echo Canceller (AEC)
- Noise Reduction (NR)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer
- DTMF: In-band, Out-of-Band – DTMF-Relay (RFC2833) / SIP INFO

Network

- Physical: 10/100/1000 Mbps Ethernet, dual bridged port for PC bypass
- IP Mode: IPv4
- IP Configuration: Static / DHCP
- Network Access Control: 802.1x
- VPN: OpenVPN (Requires third-party app support)
- VLAN
- LLDP
- CDP
- QoS

Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- CDP
- LLDP
- 802.1x
- OpenVPN (Requires third-party app support)
- 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
- Supports the third-party communication APP
- Supports Web, Telnet
- Supports encrypted configuration files download with AES
- Supports Web upgrade
- Supports factory reset data

Physical Specifications

- Color: Grey (White: customizable)
- LCD x1: 10.1- inch (1280x800) color touch screen
- Physical keys x5: Volume -/Volume +/Home/Hands-free/Return
- HD Handset (RJ9) x1
- Standard RJ9 Handset Wire x1
- 1.5M CAT5 Ethernet Cable x1
- Back Rack x1
- RJ9 Port x2: Connect with Handset
- RJ45 Port x2: Network x1, PC x1 (Bridged to Network)
- USB2.0: Type A x1, connect with USB card
- Safety Keyhole x1
- Power: 5V/2A or PoE
- Power Consumption (PoE): 2W ~ 9.77W
- Power Consumption (Adapter): 1.2W ~ 7.75W
- Working Temperature: 0~45℃
- Working Humidity: 10~95%
- Installation: Desktop
- Qty/CTN: 10 PCS
- N.W/CTN: 18.86kg
- G.W/CTN: 19.86kg
- Device Dimensions
  - Desktop Stand (Angles 1): 309 x 214 x 187mm
  - Desktop Stand (Angles 2): 309 x 226 x 167mm
- Gift Box Dimensions: 323 x 301 x 71mm
- Outer CTN Dimensions: 624 x 383 x 348mm (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

www.fanvil.com
Add:13th Floor, Building 2, Runzhi R&D Center, Xin'an Street, Bao'an District, Shenzhen, Guangdong, China , 518100
Tel: +86-755-2640-2199 Fax: +86-755-2640-2618 Email: sales@fanvil.com