

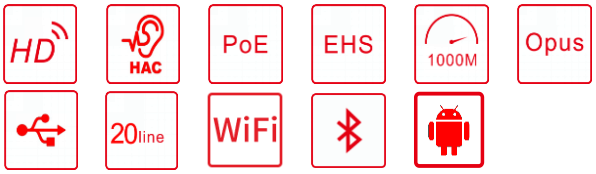
Fanvil A320i Android Touch Screen Console IP Phone

A320i is a visualization paging console phone for industry customers. It is equipped with a gooseneck microphone and supports HD hands-free calling. Featuring 116 DSS keys, a 10.1-inch color touch screen, Wi-Fi, and Bluetooth, the Fanvil A320i enables smart and simple daily communication. It has a built-in adjustable camera and an HD PTM handset, delivering a great audio and video experience for group conferences. Fanvil A320i has a built-in broadcast software which can be used to build a broadcast system, it also compatible with the standard SIP protocol and is an ideal choice for a management center or command center with functions such as making video call, two-way intercom, monitoring, and broadcasting.



Highlights

- 20 SIP lines, 10-party audio conference,3-party video conference.
- Equipped with goose neck microphone for further sound pickup distance.
- Integrate a public address software to build a serveless broadcast system.
- Equipped with PTM handset, standard/PTT handset is optional.
- Built-in adjustable 8 mega-pixel camera with a privacy cover.
- 116 DSS softkeys on 10.1" touch screen.
- HD audio on speaker and handset.
- Support Bluetooth 5.0 and 2.4G/5G Wi-Fi.
- Video Codec H.264, support video call.
- Dual Gigabit ports, PoE Integrated.



Generic

- 20 SIP Lines
- HD Voice
- Support Video Call
- PoE Enabled
- 10.1-inch (1280x800) 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)
- Programmable 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, IPv6
- 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
- LCD x1: 10.1- inch (1280x800) color touch screen
- Physical keys x5: Volume -/Volume +/Home/Hands-free/Return
- HD Handset (RJ9) x1: A320i equip with PTM handset, standard /PTT handset is optional
  - Standard handset: without button
  - PTT handset: push the button to talk
- Standard RJ9 Handset Wire x1
- 1.5M CAT5 Ethernet Cable x1
- Gooseneck Microphone x1
  - Directional microphone
  - Frequency response: 20Hz~20KHz
  - SNR: ⩾60 dB.1kHz at 1 Pa
- 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: DC 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: 19.94kg
- G.W/CTN: 20.94kg
- Device Dimensions
  - Desktop Stand (Angles 45°): 309 x 214 x 187mm
  - Desktop Stand (Angles 50°): 309 x 226 x 167mm
- Gift Box Dimensions: 323 x 301 x 71mm
- Outer CTN Dimensions: 624 x 383 x 348mm (10 PCS