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Honesty Focus
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A808A

Enterprise Video Phone

--Smart IP Phone

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Key Features

- Android 11
- HD Voice & video
- 16 SIP accounts
- 276 One-touch DSS Keys
- Built-in 8 mega-pixel camera
  (up to 4-way video conferencing)
- Dual-port Gigabit Ethernet, PoE support
- 10-way audio & video mixed conferencing
- Acoustic Shield, advanced AEC, excellent
  double-talk performance

Android 11 | HD 1080P | Acoustic Shield | Bluetooth | 2.4G/5G

USB | Camera | Quad-core | HDMI | SDK

Overview

A808A is an enterprise video phone that runs on Android 11 operating system, with smoother operation experience. 8" 1280x800 multi-point touch IPS screen and HD voice brings you realistic visual-audio experience. Its built-in 8 mega-pixel camera enables convenient and fast video conference. In terms of team collaboration, A808A supports HDMI port for an external display; the three multi-function USB ports, as well as built-in Bluetooth and dual band Wi-Fi (2.4G/5G), can adapt to more flexible office scenes and easily improve productivity. The T-Flash can greatly expand the storage space of the IP Phone. This phone has faster response speed and richer expansion functions. Through A808A, you can conduct remote collaboration better than ever.

Benefits

Up-to-date performance, efficient remote maintenance

Equipped with Quad-Core Cortex-A55 CPU, Mali-G52-2EE GPU, 4GB RAM, and 32GB eMMC flash memory, based on the mostly widely deployed Android 11 OS, A808A has smoother operation experience, supports numerous multi-media smart APPs on Google Play.

Open software development kit (SDK) gives users highly customized "audio/video smart phone platform + APP" experience.

Supports advanced tools like Device Management System to remotely complete automatic deployment, firmware update and device management.

Effective noise removal, undisturbed conversation

Supports several audio Codecs like Opus etc.; sampling rate of Opus cover all the way from 8 kHz (narrowband), 16 kHz (wideband), 32 kHz (ultra-wideband) to 48 kHz (all-band).

It applies advanced acoustic shield technology, which improves AEC, shows excellent double-talk performance, and restores clear and clean voice.

Rich and practical functions, flexible connection modes

A808A carries over traditional SIP phones' functions – it has many built-in native applications and is compatible with SIP platforms and devices globally. It supports SRTP/TLS and ZRTP media stream encryption, 802.1x media access control, MD5 and MD5-sess based authentication request, AES security profile and other well-established security guarantee mechanism. Besides dual-port Gigabit ethernet ports and PoE, it has smoother wireless connection with built-in dual-band Wi-Fi (2.4G/5G) and Bluetooth; it has USB type-A 2.0, USB type-A 3.0 and USB type-C 2.0 interfaces, supports HDMI fast screen projection, and the Micro SD card slot expands the phone memory. In addition, A808A also supports UC46 expansion modules and EHS30 wireless headset adapters.

8-inch HD Touch Screen, intelligent cooperation experience

The A808A adopts an 8-inch high-definition touch screen, an 8 mega-pixel built-in HD camera, supports 1080p HD video calls and up to ten-way audio/video mixed conference (at most 4-way video).

Furthermore, the one-piece foot stand's angle can be adjusted freely, supports wall mounting, fulfilling different customer needs, suitable for various usage scenarios.

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Phone Features

- 16 SIP accounts
- Call hold, mute, DND
- One-touch speed dial, hotline
- Call forward, call waiting, call transfer
- Redial, call return, auto answer, direct IP call
- Four-way video conferencing
- Ten-way audio & video mixed conferencing (up to 4-way video conferencing)
- SMS, emergency call
- Ring tone selection/provisioning
- Set date time automatically or manually
- Dial plan for each account
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
- Action URL/URI
- Wireless Access Point (AP mode)
- Onscreen keyboard
- USB ports (2.0 compliant) for media, storage applications
- Notification Center and Control Center
- Third party Android application support

Video Features

- Support 1080p HD Video
- Video codec: H.265, H.264 High Profile, H.264, VP8
- Built-in 8 mega-pixel camera

Audio Feature

- HD voice: HD handset, HD speaker, HD codec
- Acoustic Shield
- Smart noise suppression for far end
- Audio codec: Opus, G.722, G.711 (A/μ), G.729AB, G.726-32, iLBC, G.723.1
- DTMF: In-band, Out-of-band (RFC 2833) and SIP INFO
- Full-duplex hands-free speakerphone with AEC
- VAD, CNG, AEC, PLC, AJB, AGC, ANS

Management

- Configuration: browser/LCD-Menu/auto-provision
- Auto provision via HTTP/HTTPS/FTP/TFTP
- Auto-provision with PnP, Zero Touch, TR-069
- Reset to factory, reboot
- Local tracing log export, system log
- Phone lock for personal privacy protection
- Support install/uninstall apps via auto provision

IP-PBX Features

- Busy Lamp Field (BLF)
- Bridged Line Appearance (BLA)
- Anonymous call, anonymous call rejection
- Voice mail
- Intercom, paging
- Call park, call pickup
- Music on hold
- Hot-desking
- Call recording

Interface

- Dual-port Gigabit Ethernet
- Power over Ethernet (IEEE 802.3af), class 3
- IEEE 802.3az Green Energy Efficient Ethernet
- 1 x USB Type-A port (3.0 compliant)
- 1 x USB Type-A port (2.0 compliant)
- 1 x USB Type-C port (2.0 compliant)
- 1 x RJ9 (4P4C) handset port
- 1 x RJ9 (4P4C) headset port
- 1 x HDMI port
- 1 x Micro SD card slot
- 1 x Security lock port

Feature keys

- 276 one-touch DSS keys
- 12 numeric keys
- 8 feature keys (Mute, Message, Headset, Video, Hold, Redial, Transfer and Speakerphone)
- Volume control key

Physical Features

- Built-in stand with multiple adjustable angles
- Wall mountable (need optional foodstand)
- External universal AC adapter:
- AC 100~240V input and DC 12V/2A output
- Power consumption (PSU): 3.5W-9W
- Power consumption (PoE): 4-10W
- Operating humidity: 10~90%
- Operating temperature: 0~40°C
- Storage temperature: -10~60°C

Directory

- Local phonebook up to 10000 entries
- Black list
- XML/LDAP remote phonebook
- Smart dialing
- Phonebook search/import/export
- Call history:

Wi-Fi/Bluetooth

- Built-in dual band Wi-Fi
  Network Standard: IEEE802.11a/b/g/n/ac
  Transmission Rate: Up to 867 Mbps (dynamic)
  Frequency Range: 2.4GHz/5GHz
- Built-in Bluetooth 5.0:
  Bluetooth headset
  Bluetooth call

Network and Security

- SIP v1 (RFC2543), v2 (RFC3261)
- Call server redundancy supported
- SIP server/proxy redundancy
- NAT Traversal: STUN mode
- IP assignment: static/DHCP
- HTTP/HTTPS web server
- Time and date synchronization using SNTP
- DNS-NAPTR/DNS-SRV (RFC 3263)
- QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS DSCP
- Transport Layer Security (TLS1.3), SRTP, ZRTP
- HTTPS certificate manager
- AES encryption for configuration file
- Digest authentication using MD5/MD5-sess
- IEEE802.1X/OpenVPN
- IPv4/IPv6, LLDP/CDP/DHCP VLAN

Package Features

- Package content:
  Phone Device*1pcs
  Footstand*1pcs
  Handset*1pcs
  Handset Cord*1pcs
  Ethernet Cable*1pcs
  Quick Reference Manual
  Power Adapter (Optional)
  Wallmount foodstand (Optional)
- Qty/CTN:5pcs
- N.W/CTN:9.75kg
- G.W/CTN:10.60kg
- Phonebox Size: 335mm(L)*265mm(W)*120mm(H)
- Carton Meas: 635mm(L)*345mm(W)*285mm(H)