Android
Touch Screen Console
IP Phone

A32i

HD | HAC | PoE | EHS | 1000M | Opus

USB | 20line | WiFi | Bluetooth | Android | IPv6
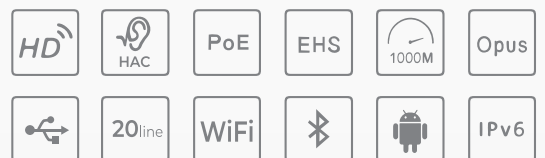
A32i is a visualization paging console phone for industry customer. It is equipped with a gooseneck microphone and supports HD hands-free calling. With Android 9.0 OS, A32i provides a more intelligent and smoother touch operation experience for the users. 10.1-inch color touch screen, supported 3rd party apps, built-in Wi-Fi and Bluetooth, allows daily communication smarter and simpler. It is compatible with the standard SIP protocol and can be used as a monitoring center or host for office manager with functions such as make calls for external & internal phones, two-way intercom, monitoring, and broadcasting. The A32i improves the management efficiency and emergency response capabilities.

Highlights

- 20 SIP lines, 3-way conference, hotspot
- Support an external Fanvil USB camera (optional).
- 112 one-touch DSS keys on 10.1" capacity color touch screen
- HD audio on speaker and handset
- Built-in Bluetooth 5.0 and 2.4G/5G Wi-Fi
- Video Codec H.264 support for receiving video calls.
- Dual Gigabit ports, integrated PoE
- Stand with 2 adjustable angles of 40 and 50 degrees
- Compatible with major platforms: Asterisk, Broadsoft, 3CX, Metaswitch, Elastix, Avaya etc.

Specification

Generic

20 SIP Lines

HD Voice

Support receiving video call

PoE Enabled

10.1-inch (1280x800) color touch screen

Headset / 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

Support 3rd Party Applications

Secondary Development of API

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: Support Bluetooth headset/ Bluetooth of Mobile Device

Built-in Wi-Fi: 2.4GHz, 802.11 b/g/n; 5GHz, 802.11 a/n/ac

Support Recording

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)

3-way Audio Conference

Hot Line

Hot desking

BLF

Video & Audio

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

3-way Video call with External Camera CM60

Optional CM60 USB Camera: 2 Mega Pixel; Plug and Play; Flexible Placement and Angle Adjustment

Video preview

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

LLDP

PPPoE

802.1x

L2TP

OpenVPN

SNTP

FTP/TFTP

HTTP/HTTPS

TR-069

Deployment & Maintenance

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: Dark gray

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

Gooseneck Microphone x1: Directional microphone;
Frequency response: 20Hz~20KHz; SNR: ≥60 dB.1kHz at 1 Pa

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: 5V/2A or PoE

Power Consumption (PoE): 2W ~ 9.77W

Power Consumption (Adapter): 1.2W ~ 7.75W

Working Temperature: 0~45°C

Working Humidity: 10~95%

Installation: Desktop Stand

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)