Premium touch screen for your home

The Akuvox IT88S multifunctional communicator, with an Android 9.0 operating system, provides audio and video communication with door phones via SIP 2.0 protocol. It delivers the ultimate touch screen experience in an unobtrusive, space-saving design featuring a brilliant 10-inch capacitive touch screen display.

At a Glance

- Android 9 OS;

- 10-inch capacitive touch screen with energy saving mode;

- Reception of a HD picture from the door communicator;

- Two-way audio communication with other units in the network;

- Complies with SIP standard for easy integration in every SIP capable PBXes;

- Powered by PoE or external source

- Support US or European electrical wall box mounting

- Built-in smart voice assistant

Physical & Power

- Front panel: Aluminium alloy

- RAM / ROM: 2GB / 8GB

- Display: 10 Inch IPS LCD

- Screen: 10 Inch capacitive touch screen

- Memory slot：1 Micro SD slot

- RS485 port: Support

- Relays out: 2

- Bell in: 1

- IO: 8

Microphone: -26dB

Speaker: Dual speakers, 4Ω / 3W

Ethernet ports: 1xRJ45, 10/100Mbps adaptive

802.3af Power-over-Ethernet

12V DC connector (if not using PoE)

Tamper resistant: Support

Installation: Wall-mounted & Desktop

Dimension: 251x182.5x29.75mm

Working Humidity: 10~90%

Working Temperature: -10°C ~ +45°C

Storage Temperature: -20°C ~ +70°C

Touch Screen Display

- Display Mode: Normally black, Transmissive

- LCD Size: 10inch (Diagonal)

- Aspect Ratio: 16:10

- Resolution: 1280x800

- Contrast ratio: 900:1

- Luminance: 350 cd/m²

- Viewing Angle: 80° Left, 80° Right,
  80° Upper, 80° Lower

- Touch Screen: Projected capacitive

Audio

- SIP v1 (RFC2543), SIP v2 (RFC3261)

- Narrowband audio codec: G.711a, G.711μ, G.729

- Broadband audio codec: G.722

- DTMF: In-band, out-of-band DTMF (RFC2833),
  SIP Info

- Echo Cancellation

- Voice Activation Detection

- Comfort Noise Generator

- Automatic Gain Control

Video

- Streaming formats: H.263 & H.264

Networking

- Protocols support: IPv4, IPv6, HTTP, HTTPS, FTP,
  TFTP, SNMP, DNS, SNTP, RTSP, SRTP, RTP, TCP,
  UDP, TLS, ICMP, DHCP, ARP

Deployment & Maintenance

- Auto-Provisioning

- Web management portal

- Web-based packet dump

- Configuration backup / restore

- Firmware upgrade

- System logs (include door access logs)

Voice Assistant

- Voice pickup distance up to 5 meters

- Voice recognition accuracy up to 95%

- Privacy protection with native voice data

- Support English

Application Scenario

- Villas

- Apartment complexes

- Home automation systems

- Modern interiors

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