Datasheet

Akuvox IT83R

Premium touch screen for your home

The Akuvox IT83R multifunctional communicator, with an Android 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

- **Ultra clear, stylish appearance**
- **10" capacitive touch screen with energy saving mode**
- **Reception of a HD picture from the door communicator**
- **Two-way communication with other units in the network, based on SIP v2.0 protocol**
- **Powered by PoE or external source**
- **Supports US or European electrical wall box mounting**
- **Tamper resistant design;**

Touch Screen Display

Display Mode: Normally black, Transmissive

LCD Size: 10 inch (Diagonal)

Aspect Ratio: 16:9

Resolution: 1280x800

Contrast ratio: 800:1

Luminance: 350 cd/m ^{2}

Viewing Angle: ±89° Left, ±89° Right,
±89° Upper, ±89° Lower

Touch Screen: Projected Capacitive

Interface

RS485: 1 RS485 port

Alarm: Support 8 channels input

Relay Out: 2 Relay Out (NO/COM/NC)

Relay In: 1 Relay In

Memory Slot: 1 Micro SD slot

Memory

RAM: 2GB

Flash: 4GB

Communications

Ethernet: 2x10/100 Mbps ports, auto-switching, auto-discovery, auto-negotiating, full/half duplex, DHCP, IEEE802.3af compliant

Video

Streaming Formats: H.264

Audio

Features: Built-in microphone and speaker

Environmental

Temperature: 14° to 112°F (-10° to 45°C)

Humidity: 10% to 90% (non-condensing)

Mechanical parameters

Dimensions (W x H x D): 251 x 182.5 x 22 mm

Application Scenario

Villas

Apartment complexes

Home automation systems

Modern interiors

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. Customers should consult Akuvox's retailers, distributors, or Akuvox directly, if customers have concerns on any feature.

For more information, please visit: http://www.akuvox.com

About Akuvox

Akuvox is a leading provider of HD IP Phone and Video Phone for SME, Enterprises and Carriers globally. With experienced R&D team in the field of VoIP and world-class STAR-NET's manufacturing facility, Akuvox produces competitive high quality products. Akuvox provides excellent customer service with powerful technical support and partners all over the world. Our products have been deployed in more than 50 countries and well received by the customers.

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