# Datasheet

## Akuvox IT82C

### *Premium touch screen for your home*

The Akuvox IT82C 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 7 inch capacitive touch screen display and 5 soft-touch buttons.

### *At a Glance*

- **Ultra clear, stylish appearance**
- **Thin profile and small footprint**
- **7" capacitive touch screen with energy saving mode**
- **1M pixels CMOS camera**
- **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**

## Touch Screen Display

**Display Type:** Active matrix TFT, transmissive type

**Size:** 7 inch (176 mm) diagonal

**Aspect Ratio:** 16:9

**Resolution:** 1024x600

**Brightness:** 300nits (cd/m²)

**Contrast:** 800:1

**Color Depth:** 24-bit, 16M colors

**Illumination:** Edgelit LED

**Viewing Angle:** ±80° Left, ±80° Right, ±60° Upper, ±70° Lower

**Touch Screen:** Projected Capacitive

## Camera

**Camera**: 1M pixels, CMOS

## Buttons

**Hard Keys:** 5 capacitive pushbuttons, programmable, pre-labeled with icons for "SOS", "Message", "Live View", "Dial", and "Unlock"

## Memory

**RAM:** 2GB

**Flash:** 8GB

## 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):** 232 x 160 x 21 mm

## Application Scenario

**Villas**

**Apartment complexes**

**Home automation systems**

**Modern interiors**

**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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