

Datasheet

Akuvox IT81

Premium touch screen for your home

The Akuvox IT81 multifunctional communicator, which works as an indoor monitor, 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**
- **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**

Touch Screen Display

Display Type: Active matrix TFT, transmissive type

Size: 7 inch (176 mm) diagonal

Aspect Ratio: 16:9

Resolution: 800x480

Brightness: 240nits (cd/m²)

Contrast: 400:1

Color Depth: 18-bit, 0.26M colors

Illumination: Edgelit LED

Viewing Angle: ±60° horizontal, ±70° vertical

Touch Screen: Projected Capacitive

Buttons

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

Memory

RAM: 64MB

Flash: 128MB

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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