Datasheet

Akuvox IT82W

Premium touch screen for your home

The Akuvox IT82W 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**
- **Design with internal antenna, support IEEE802.11n**
- **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

Wireless

Antenna: 1 internal antenna

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

WiFi: IEEE802.11b/g/n, @2.4GHz

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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