Akuvox IT81

SIP Indoor Monitor with Touch Screen

IT81 is a SIP-enabled IP indoor monitor for multifunctional communications from inside your home. It enables high-quality audio and video communications with its door phone. All in-home automation devices can be easily managed and controlled by it. It is even capable of importing mobile applications for home entertainments. At the core of all these is its large, user-friendly capacitive touch screen.

Highlights

- 7" touch screen
- Premium audio and video quality
- Home automation integration

Physical Features

- Display: active matrix TFT, transmissive type
- Screen: 7" capacitive touch screen
- Button: 5 capacitive, programmable pushbuttons
- Memory: RAM-4MB, Flash-128MB
- PoE IEEE802.3af
- Power consumption: 12V DC input, <12W
- Aspect ratio: 16:9
- Resolution: 800x480
- Brightness: 240nits (cd/m²)
- Contrast: 400:1
- Color depth: 18-bit, 0.26M colors
- Illumination: edge-lit LED
- Viewing angle: ±60°horizontal, ±70°vertical
- Installation: US or European electrical wall box mounting
- Dimensions: 232 x 160 x 21 mm

Environmental Features

- Temperature: 14~112℉ (-10~45℃)
- Humidity: 10%~90% (non-condensing)

Interface Features

- 2xRJ45 10/100M Mbps Ethernet port
- Output relay: 1 relays for door opener
- Security connector: 8x I/O
- RS485 port

SIP Features

- SIP v1 (RFC2543), SIP v2 (RFC3261)
- Line: 2 SIP accounts

Audio Features

- 1 built-in microphone and speaker
- Codec: G.711a, G.711μ, G.722 and G.729
- Echo cancellation
- Voice activity detection
- Comfort noise generator

Video Features

- Resolution: up to 720p
- Codec: H.264
- Support RTSP

Network Features

- Static IP or DHCP
- NTP for auto time setting

Administration Features

- Auto-provisioning: FTP/TFTP/HTTP/HTTPS/PnP
- Configuration management: web- or touch screen-based management or auto provisioning

Application Scenarios

- Villas or apartment complexes