

Premium touch screen for your home

The Akuvox C313W multifunctional communicator, with a Linux 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.

At a Glance

- Ultra-clear, stylish appearance;
- Thin profile and small footprint;
- 7-inch capacitive touch screen with energy saving mode;
- Two-way audio communication with other units in the network;
- Complies with SIP standard for easy integration in every SIP capable PBXes;
- Powered by PoE or external source
- Support US or European electrical wall box mounting



Physical & Power

- | | |
|--|---|
| • Front panel: Plastic | • Microphone: -58dB |
| • RAM / ROM: 64MB / 128MB | • Speaker: 4Ω / 2W |
| • Display: 7 Inch TFT LCD | • Ethernet ports: 2xRJ45, 10/100Mbps adaptive |
| • Screen: 7 Inch capacitive touch screen | • 802.3af Power-over-Ethernet |
| • Wi-Fi: IEEE802.11 b/g/n, @2.4GHz | • 12V DC connector (if not using PoE) |
| • RS485 port: Support | • Installation: Wall-mounted & Desktop |
| • Relay out: 1 | • Dimension: 200.2x132.2x27.2mm |
| • Bell in: 1 | • Working Humidity: 10~90% |
| • I/O: 8 | • Working Temperature: -10° C ~ +45° C |
| | • Storage Temperature: -20° C ~ +70° C |

Touch Screen Display

- Display Mode: Normally white, Transmissive
- LCD Size: 7inch (Diagonal)
- Resolution: 800x480
- Contrast ratio: 500:1
- Luminance: 220 cd/m²
- Viewing Angle: 50° Left, 50° Right,
40° Upper, 50° Lower
- Touch Screen: Projected capacitive

Audio

- SIP v1 (RFC2543), SIP v2 (RFC3261)
- Narrowband audio codec: G.711a, G.711 μ, G.729
- Broadband audio codec: G.722
- DTMF: Out-of-band DTMF (RFC2833), SIP Info
- Echo Cancellation

Video

- Streaming formats: H.264

Networking

- Protocols support: IPv4, HTTP, HTTPS, FTP, SNMP,
DNS, NTP, RTSP, RTP, TCP, UDP, ICMP, DHCP,
ARP

Deployment & Maintenance

- Auto-Provisioning
- Web management portal
- Web-based packet dump
- Configuration backup / restore
- Firmware upgrade
- System logs (include door access logs)

Application Scenario

- Villas
- Apartment complexes
- Home automation systems
- Modern interiors