

***Premium touch screen for your home***

The Akuvox C313W-2 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 2-wire IP network;
- Powered by NS-2 or external source
- Super long transmission distance via 2-wire cable
- Support US or European electrical wall box mounting

**Physical & Power**

- Front panel: Plastic
- RAM / ROM: 64MB / 128MB
- Display: 7 Inch TFT LCD
- Screen: 7 Inch capacitive touch screen
- Wi-Fi: IEEE802.11 b/g/n, @2.4GHz
- RS485 port: Support
- Relay out: 1
- Bell in: 1
- I/O: 8
- Microphone: -58dB
- Speaker: 4Ω / 2W
- 2-wire ports: 2 pair
- Ethernet ports: 1xRJ45, 10/100Mbps adaptive
- 48V DC connector (if not using NS-2)
- Installation: Wall-mounted & Desktop
- Dimension: 200.2x132.2x27.2mm
- Working Humidity: 10~90%
- 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/m<sup>2</sup>
- 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 $\mu$ , 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

- Old villas retrofit
- Old apartment retrofit