

## *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 - Standard version + WiFi
- Support US or European electrical wall box mounting



## Physical & Power

- |                                                                                                                                                                                                                                                                                                 |                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• Front panel: Plastic</li> <li>• RAM / ROM: 64MB / 128MB</li> <li>• Display: 7 Inch TFT LCD</li> <li>• Screen: 7 Inch capacitive touch screen</li> <li>• RS485 port: Support</li> <li>• Relay out: 1</li> <li>• Bell in: 1</li> <li>• I/O: 8</li> </ul> | <ul style="list-style-type: none"> <li>• Microphone: -58dB</li> <li>• Speaker: 4Ω / 2W</li> <li>• Ethernet ports: 2xRJ45, 10/100Mbps adaptive</li> </ul> |
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- C313W: Standard version + WiFi**
- 802.3af Power-over-Ethernet
  - 12V DC connector (if not using PoE)
  - 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.711μ, 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