

## *Premium touch screen for your home*

The Akuvox C313S 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;
- Linux OS;
- 7-inch capacitive touch screen with energy saving mode;
- Two-way audio communication with other units in the network;
- Powered by PoE or external source;
- Support US or European electrical wall box mounting;
- Complies with SIP standard for easy integration in every SIP capable PBXes;

## Physical & Power

- |                                               |                                                         |
|-----------------------------------------------|---------------------------------------------------------|
| • Front Panel: Plastic                        | • PoE: 802.3af Power-over-Ethernet                      |
| • RAM / ROM: 128MB / 128MB                    | • Power: 12V DC Connector (If Not Using PoE)            |
| • Display: 7-inch TFT LCD                     | • PoE Standby Power: $\leq 1.44W$                       |
| • Screen: 7-inch capacitive touch screen      | • PoE Full Load Power: $\leq 6W$                        |
| • RS485 Port: 1                               | • DC 12V Standby Power: $\leq 2.77W$                    |
| • Relay Out: 1                                | • DC 12V Full Load Power: $\leq 6.59W$                  |
| • Bell In: 1                                  | • Installation: Wall-mounted & Desktop                  |
| • Alarm Inputs: 8                             | • Dimension: 200.2x132.2x27.2mm                         |
| • Microphone: 1                               | • Working Humidity: 10~90%                              |
| • Speaker: 1                                  | • Working Temperature: $-10^{\circ}C \sim +45^{\circ}C$ |
| • Ethernet Ports: 2xRJ45, 10/100Mbps adaptive | • Storage Temperature: $-20^{\circ}C \sim +70^{\circ}C$ |



## Touch Screen Display

- Display Mode: Normally White, Transmissive
- LCD Size: 7-inch (Diagonal)
- Resolution: 1024x600
- Contrast Ratio: 800:1
- Luminance: 180 nits
- Viewing Angle: 50° Left, 50° Right,  
40° Upper, 50° Lower
- Touch Screen: Projected Capacitive

## Audio

- SIP: SIP v1 (RFC 2543) & SIP v2 (RFC 3261)
- Narrowband Audio Codec: PCMU, PCMA
- Broadband Audio Codec: G.722
- DTMF: Out-of-Band (RFC 2833), SIP INFO
- Echo Cancellation
- Voice Activity Detection
- Comfort Noise Generator
- Automatic Gain Control

## Video

- Video Codec: H.264

## Networking

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

## Deployment & Maintenance

- Auto-Provisioning
- Web Management Portal
- Web-based Packet Capture
- Configuration Backup / Restore
- Firmware Upgrade
- System Logs

## Application Scenario

- Villas
- Apartment Complexes
- Home Automation Systems
- Modern Interiors