

Akuvox Smart
Intercom



C312 Series Indoor Monitor User Manual

About This Manual

Thank you for choosing Akuvox's C312 series indoor monitor. This manual is intended for end users, who need to use and configure the indoor monitor. This manual provides an introduction of basic functions and features of the product. It is suitable for firmware 112.30.1.155. Please visit Akuvox forum or consult technical support for any new information or latest firmware.

Note: Please refer to universal abbreviation form in the end of manual when meet any abbreviation letter.

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1. Product Overview

1.1. Product Description

The C312X multifunctional communicator, which works as an indoor answering unit, provides HD audio communication with doorphone or other sip device.

It delivers the ultimate glass touch screen experience in an unobtrusive, space-saving design featuring a brilliant 2.23 inch display.

C312X are often applied to scenarios such as villas, apartments and buildings.



Figure 1.1 Product Description

1.2. Connector Introduction

POE: POE connector which it can provide both power and network connection.

12V/GND: External power supply terminal if POE is not available.

DoorGND: Connect a simple two-wire door bell.

Relay (NO/COM/NC): Relay control terminal.

IO1- IO8/GND: Connect with different alarm detectors for 8 security zones.

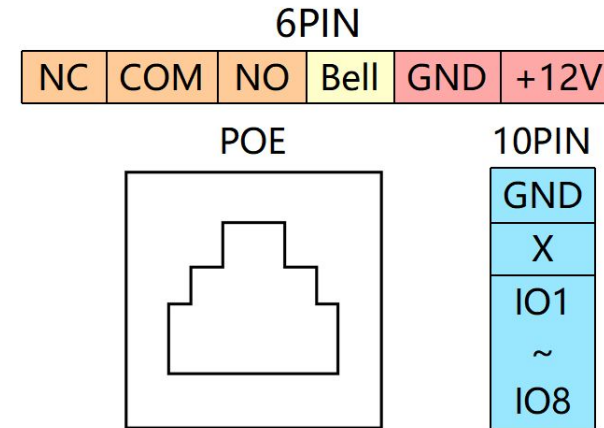


Figure 1.2-1 Connector Introduction

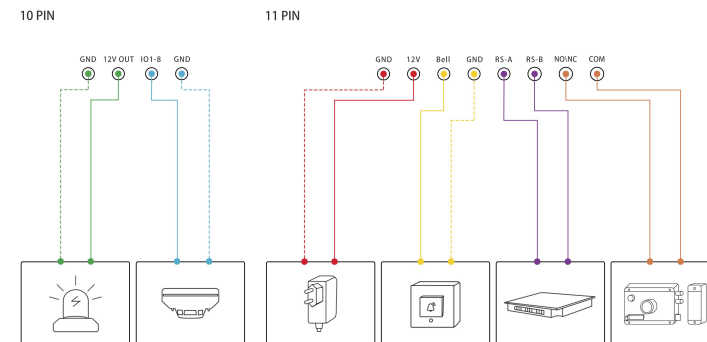


Figure 1.2-2 General interface

2. Daily Use

2.1. Making a Call

Users can establish VOIP calls by C312X.

2.1.1. Calling from keypad

- Dial the SIP account /IP address on the keypad ①.
- Press Call Touch Key to call out ②.

2.1.2. Speed dial (Short Press)

- Short press Call Touch Key about 2s to call out predefined number .



Figure 2.1 Making a Call

2.1.3. Speed dial (Long Press)

- Long press Call Touch Key about 2s to call out predefined number .

Note: the long/short press call number need to be setup in the web ,please consult your administrator.

2.2. Receiving a Call

2.2.1. Receive an Incoming Call

When receiving a call .

- Press Call Touch Key to pick up the incoming call.
- Press Hangup Touch Key to reject the incoming call.



Figure 2.2 Receive a Call

2.2.2. During the Session

- Press the volume button on the left side to adjust the ring tone volume.
- Press Hangup Touch Key to hang up the current call.
- Press Mute Touch Key to eliminate the voice on C312X's side.

2.3. Lock

2.3.1. Lock the Keyboard

- Press Lock Key to lock C312 keyboard.
- The LED will turn orange.

2.3.2. Unlock the Keyboard

- Long press Lock Key to unlock C312 keyboard.
- The LED will turn yellow.



Figure 2.2 Receive a Call

2.4. DND

2.4.1. Enable DND

- Press DND Key to enable DND mode.
- The LED will turn orange.

2.4.2. Disable DND

- In DND mode, press DND Key to unlock C312 keyboard.
- The LED will turn blue.



Figure 2.4 DND

Abbreviations

ACS: Auto Configuration Server

Auto: Automatically

AEC: Configurable Acoustic and Line Echo Cancelers

ACD: Automatic Call Distribution

Autop: Automatical Provisioning

AES: Advanced Encryption Standard

BLF: Busy Lamp Field

COM: Common

CPE: Customer Premise Equipment

CWMP: CPE WAN Management Protocol

DTMF: Dual Tone Multi-Frequency

DHCP: Dynamic Host Configuration Protocol

DNS: Domain Name System

DND: Do Not Disturb

DNS-SRV: Service record in the Domain Name System

FTP: File Transfer Protocol

GND: Ground

HTTP: Hypertext Transfer Protocol

HTTPS: Hypertext Transfer Protocol Secure

IP: Internet Protocol

ID: Identification

IR: Infrared

LCD: Liquid Crystal Display

LED: Light Emitting Diode

MAX: Maximum

POE: Power Over Ethernet

PCMA: Pulse Code Modulation A-Law

PCMU: Pulse Code Modulation μ -Law

PCAP: Packet Capture
PNP: Plug and Play
RFID: Radio Frequency Identification
RTP: Real-time Transport Protocol
RTSP: Real Time Streaming Protocol
MPEG: Moving Picture Experts Group
MWI: Message Waiting Indicator
NO: Normal Opened
NC: Normal Connected
NTP: Network Time Protocol
NAT: Network Address Translation
NVR: Network Video Recorder
ONVIF: Open Network Video Interface Forum

SIP: Session Initiation Protocol
SNMP: Simple Network Management Protocol
STUN: Session Traversal Utilities for NAT
SMTP: Simple Mail Transfer Protocol
SDMC: SIP Devices Management Center
TR069: Technical Report069
TCP: Transmission Control Protocol
TLS: Transport Layer Security
TFTP: Trivial File Transfer Protocol
UDP: User Datagram Protocol
URL: Uniform Resource Locator
VLAN: Virtual Local Area Network
WG: Wiegand

Contact us

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We highly appreciate your feedback about our products.

