

Akuvox Manual - Basic

R20A-On-Wall-V5.0

1 Introduction

2 Hardware Part

3 Firmware Part

4 Wiring Specificities

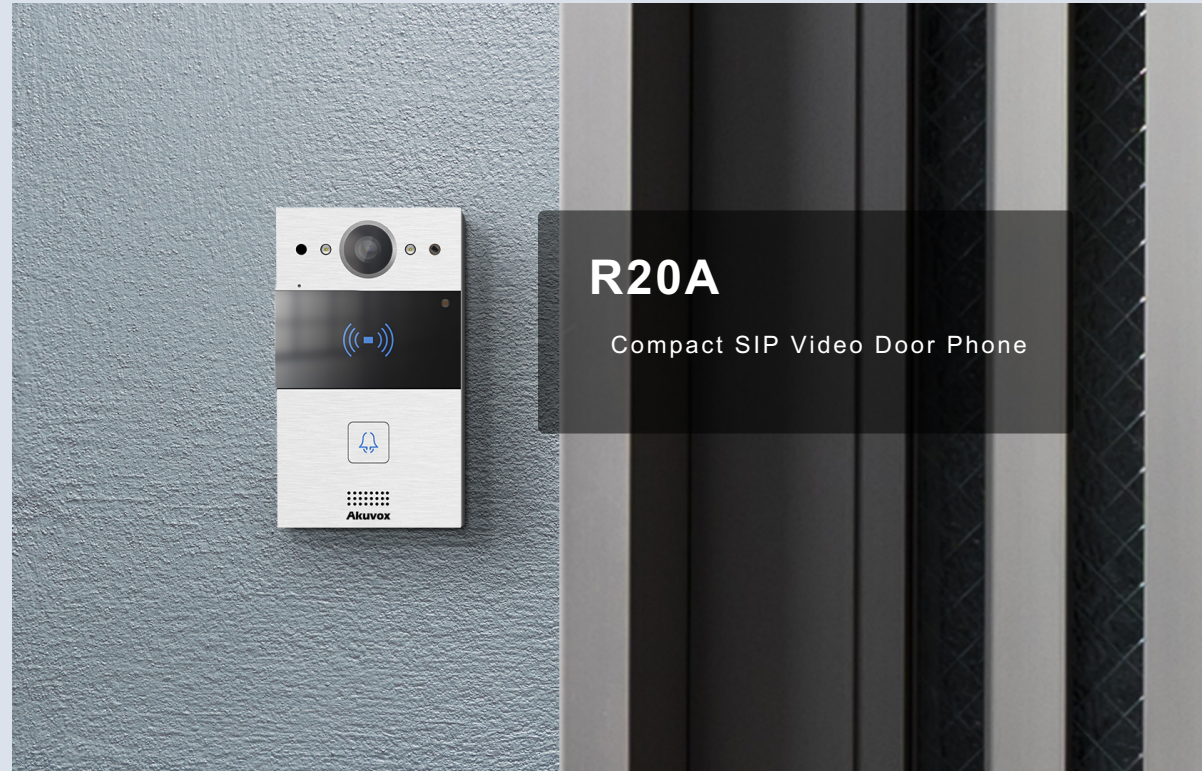


Introduction

Details

- Slim
- One Button
- RFID (13.56MHz & 125KHz)
- NFC
- SIP
- ONVIF
- IP65

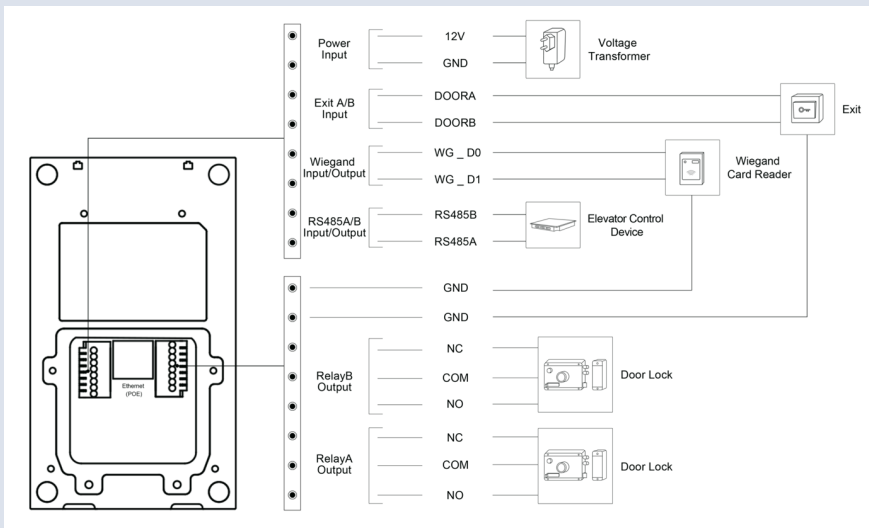
Overview



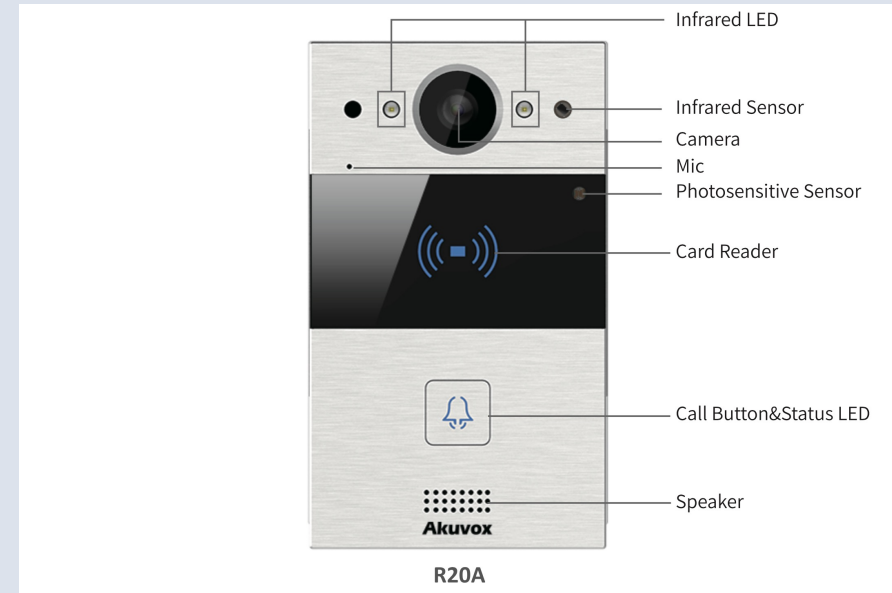


Hardware Part

Back



Front





Firmware Part

Details

- **Status:** Information.
- **Intercom:** Settings, Call Log, etc.
- **Account:** SIP account, etc.
- **Network:** DHCP&Static IP Settings.
- **Phone:** Displays, Voice settings.
- **Contacts:** Group and contact.
- **Upgrade:** Upgrade, device reset&reboot, Diagnosis.
- **Security:** Password modification.

Overview

▼ Status	Status	
Basic		
▶ Intercom		
▶ Account		
▶ Network		
▶ Phone		
▶ Contacts		
▶ Upgrade		
▶ Security		
	Product Information	
	Model	R20A
	MAC Address	
	Firmware Version	220.30.3.11
	Hardware Version	220.0
	Location	Stair Phone
	Uptime	00:14:02
	Network Information	
	Port Type	DHCP Auto
	Link Status	Connected
	IP Address	192.168.35.123
	Subnet Mask	255.255.255.0

Basic One: Network

Details

- **Step One:** Check the network status on the web interface in the Module of **Status**.
- **Step Two:** Choose the DHCP or Static IP mode to sure the IP of the devices in the Module of **Network > Basic**.
- **Noted:** **DHCP** is the default network connection mode, which automatically ask the network parameters from the network to the devices. **Static IP** Mode is which mode you could set the network parameters manually.

Overview

Network Information	
IP Channel	IPv4
Port Type	DHCP Auto
Link Status	Connected
IP Address	192.168.2.7
Subnet Mask	255.255.255.0
Gateway	192.168.2.1
Preferred DNS Server	192.168.2.1
Alternate DNS Server	

Network-Basic	
LAN Port	
<input checked="" type="radio"/> DHCP	<input type="radio"/> Static IP
IP Address	<input type="text" value="192.168.1.100"/>
Subnet Mask	<input type="text" value="255.255.255.0"/>
Default Gateway	<input type="text" value="192.168.1.1"/>
Preferred DNS Server	<input type="text" value="8.8.8.8"/>
Alternate DNS Server	<input type="text"/>

Basic Two: SIP Account

Details

- **Step One:** Check the SIP account information on the web interface in the Module of **Account > Basic**.
- **Step Two:** Check the SIP account parameters.

Overview

SIP Account	
Status	UnRegistered
Account	Account 1
Account Enabled	<input type="checkbox"/>
Display Label	204
Display Name	204
Register Name	204
User Name	204
Password	*****

Preferred SIP Server	
Server IP	192.168.1.88
Port	5060 (1024~65535)
Registration Period	1800 (30~65535s)

Alternate SIP Server	
Server IP	
Port	5060 (1024~65535)
Registration Period	1800 (30~65535s)

Basic Three: Contact list

Details

- **Step One:** Check the Module of **Intercom > Basic**.
- **Step Two:** Enter the IP / SIP number of the devices and end with different account, such as **123456/2**, which means the SIP number of 123456 and calling out through SIP account 2.
- **Step Three:** Choose whether hang up after open the door.

Overview

Intercom-Basic

Manager Dial

Call Type

Call Timeout (Sec)

(If the local group is not blank, then only the local numbers will be called.)

Group Call Number (Local)

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Hang Up After Open Door

Type

Time Out (0~15 Sec)

Basic Four: Access Control

Details

- **Step One:** Check the Module of **Intercom > Users**.
- **Step Two:** Add Access Control information, such as User ID; RF Card; Pin code; Schedule etc..
- **Noted:** RF Card: place the card on the device card reader area and click obtain.

Overview

The screenshot displays the 'User' management interface. At the top, there is a search bar with 'Name/User ID' and a dropdown menu set to 'All'. Below the search bar are buttons for 'Search', 'Reset', and 'Add'. The main area contains a table with the following columns: Index, Source, User ID, Name, RF Card, Floor No., Web Relay, Schedule-Relay, and Edit. The table lists three users with indices 1, 2, and 3. Below the table is the 'User Basic' form, which includes fields for 'User ID' (containing '1'), 'Name', and a 'Role' dropdown menu set to 'General User'. At the bottom, there is an 'RF Card' section with a 'Code' input field, an 'Obtain' button, and a '+Add' button.

Index	Source	User ID	Name	RF Card	Floor No.	Web Relay	Schedule-Relay	Edit
1								
2								
3								

User Basic

User ID:

Name:

Role:

RF Card

Code:

Basic Five: Relay

Details

- **Step One:** Check the Module of **Intercom > Relay**.
- **Step Two:** Check the Relay parameters.
- **Noted:** DTMF option is only for calling scenario. And the HTTP option is for calling and monitoring scenarios.

Overview

Relay

Relay ID	RelayA	RelayB
Type	Default state	Default state
Mode	Monostable	Monostable
Trigger Delay(Sec)	0	0
Hold Delay(Sec)	3	3
DTMF Mode	1 Digit DTMF	
1 Digit DTMF	0	1
2~4 Digits DTMF	010	012

Open Relay Via HTTP

Enabled	<input checked="" type="checkbox"/>
Session Check	<input type="checkbox"/>
UserName	admin
Password	*****

Basic Six: RTSP

Details

- **Step One:** Check the Module of **Intercom > RTSP**.
- **Step Two:** Check the RTSP parameters.

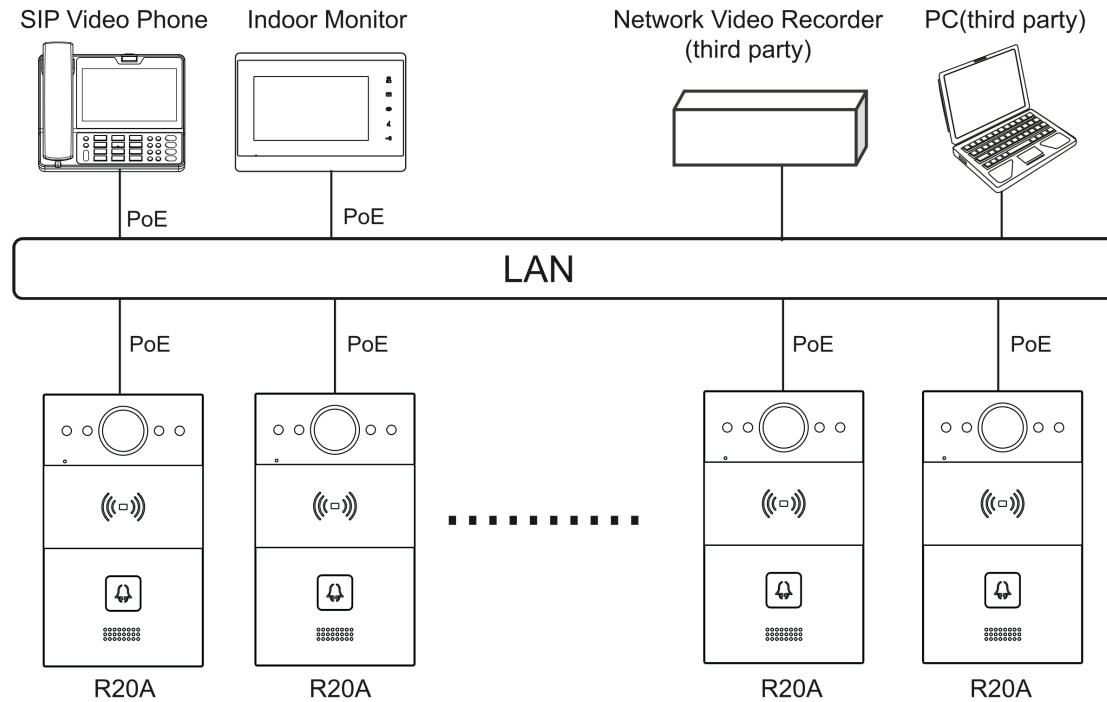
Overview

RTSP	
RTSP Basic	
Enabled	<input checked="" type="checkbox"/>
RTSP Authorization Enabled	<input type="checkbox"/>
MJPEG Authorization Enabled	<input type="checkbox"/>
Authentication Mode	Basic ▾
User Name	admin
Password	*****
RTSP Stream	
Audio Enabled	<input checked="" type="checkbox"/>
Video Enabled	<input checked="" type="checkbox"/>
2nd Video Enabled	<input checked="" type="checkbox"/>
Audio Codec	PCMU ▾
Video Codec	H.264 ▾
2nd Video Codec	H.264 ▾



Wiring Specificities

Application Network Topology



- Need further support from Tech Team:
support@akuvox.com
- Get a Quote from Sales Team:
sales@akuvox.com
- Akuvox Training & Certification System
<http://learning.akuvox.com>
- Akuvox Community with Idea & Technology Sharing
<http://community.akuvox.com>
- Akuvox Knowledge Base with more guides and docs
<https://Knowledge.akuvox.com>

The background features a dark grey collage of various icons and photographs. Icons include a clock, a shield, a house, a lightbulb, a thermometer, and a Wi-Fi symbol. Photographs show a group of people smiling and a modern interior space. A thick orange line runs horizontally across the middle, curving upwards on the left and downwards on the right.

THANK YOU

FOR WATCHING

- INNOVATION
- SERVICE
- QUALITY