

Akuvox Manual - Basic

R20B-On-Wall-V2.0

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4 Wiring Specificities



Introduction

■ Introduction

Details

- Two-Five buttons with nameplates
- RFID (13.56MHz & 125KHz)
- NFC
- SIP
- ONVIF
- IP65

Overview

R20B

Compact SIP Video Door Phone

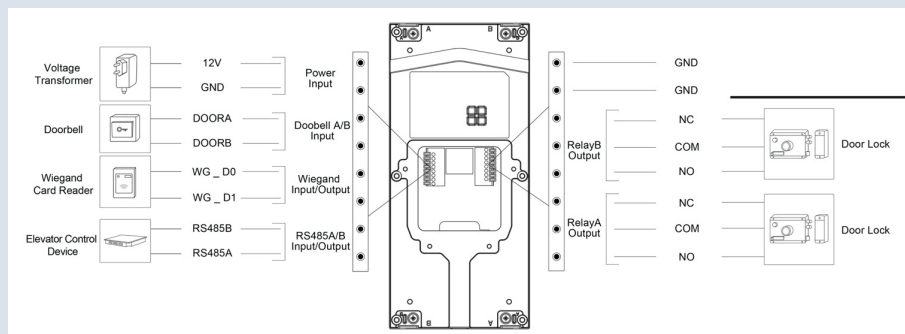




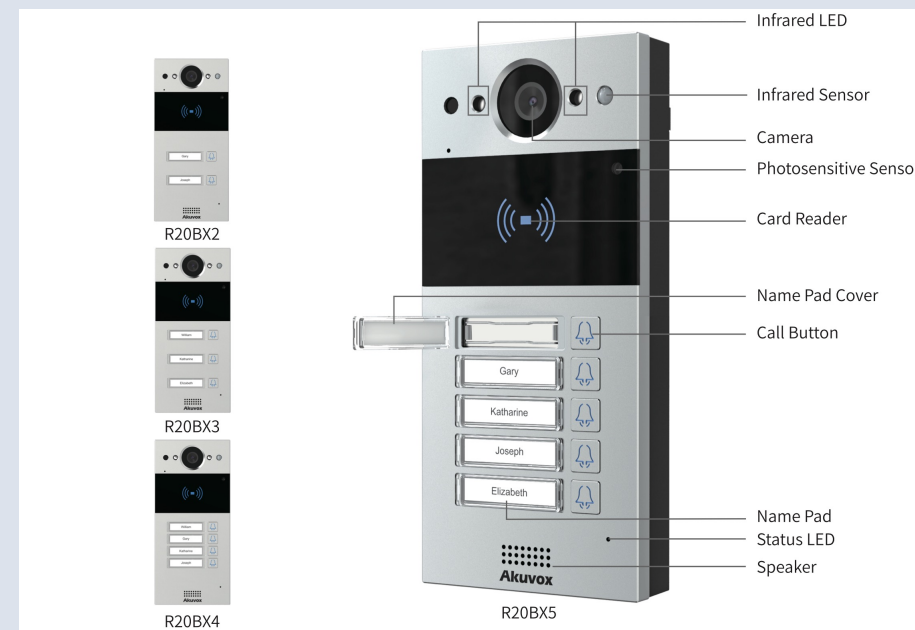
Hardware Part

Overview

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	
Basic	
► Intercom	
► Account	
► Network	
► Phone	
► Contacts	
► Upgrade	
► Security	

Status	
Product Information	
Model	R20BX2
MAC Address	
Firmware Version	220.30.10.4
Hardware Version	220.0
Location	R20
Uptime	00:02:21

Network Information	
IP Channel	IPv4
Port Type	DHCP Auto
Link Status	Connected
IP Address	192.168.14.119
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	
☒ DHCP	☐ Static IP
IP Address	192.168.1.100
Subnet Mask	255.255.255.0
Default Gateway	192.168.1.1
Preferred DNS Server	8.8.8.8
Alternate DNS Server	

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	☐
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

Manager Dial

Call Type

Group Call

Call Timeout (Sec)

20

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

Group Call Number (Local)

Key	Number 1	Number 2	Number 3	Number 4	Number 5	Number 6
Push Button 1						
Push Button 2						

Hang Up After Open Door

Type

DTMF Or HTTP

Time Out

5

 (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

User

☐ Index	Source	User ID	Name	RF Card	Floor No.	Web R elay	Schedule-Rela y	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	☒
Session Check	☐
UserName	admin
Password	*****

Basic Six: RTSP

Details

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

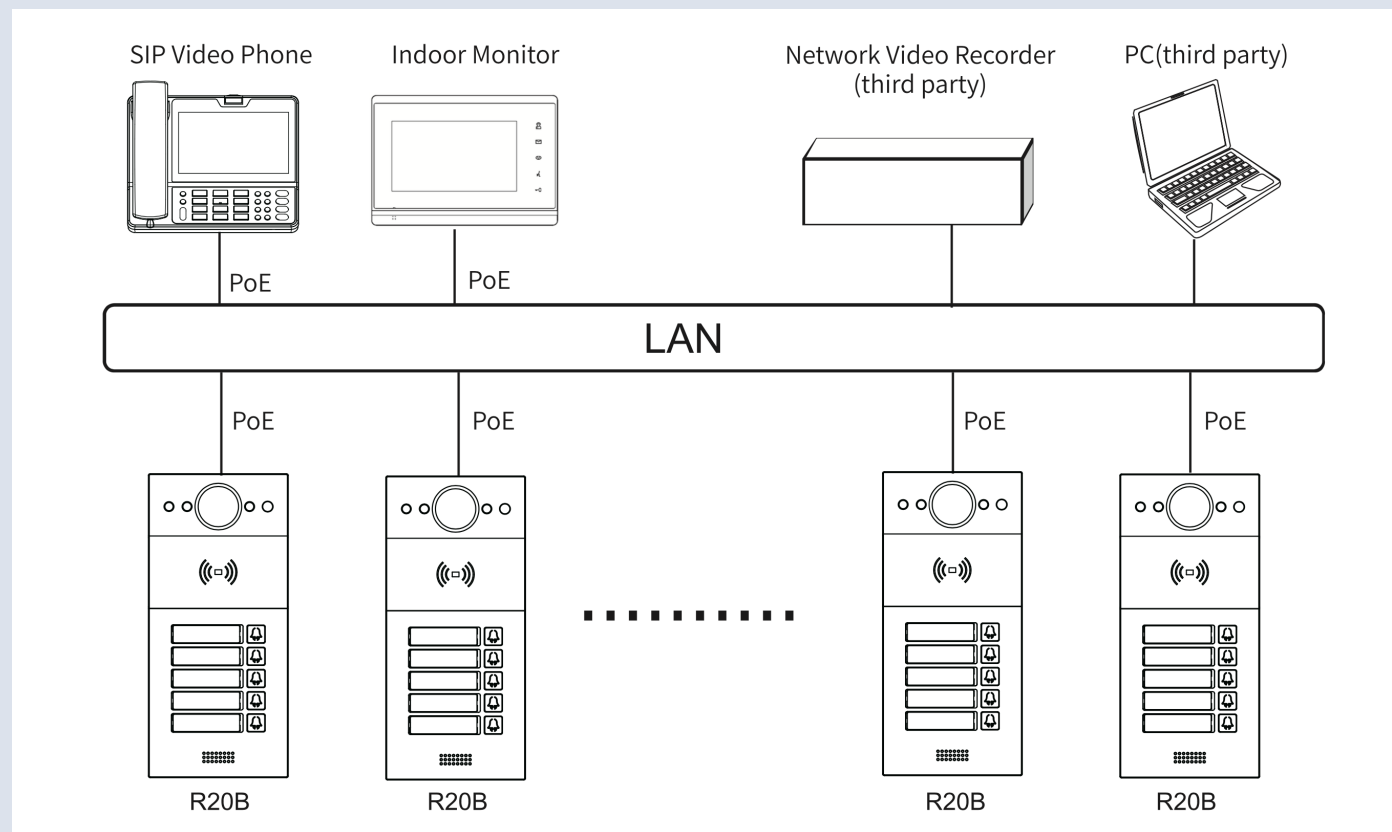
Overview

RTSP	
RTSP Basic	
Enabled	☒
RTSP Authorization Enabled	☐
MJPEG Authorization Enabled	☐
Authentication Mode	Basic
User Name	admin
Password	*****
RTSP Stream	
Audio Enabled	☒
Video Enabled	☒
2nd Video Enabled	☒
Audio Codec	PCMU
Video Codec	H.264
2nd Video Codec	H.264



4 Wiring Specificities

Overview



- 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>



THANK YOU

FOR WATCHING

- INNOVATION
- SERVICE
- QUALITY