

Akuvox Manual - Basic – R20K-2 - Silver-On-Wall

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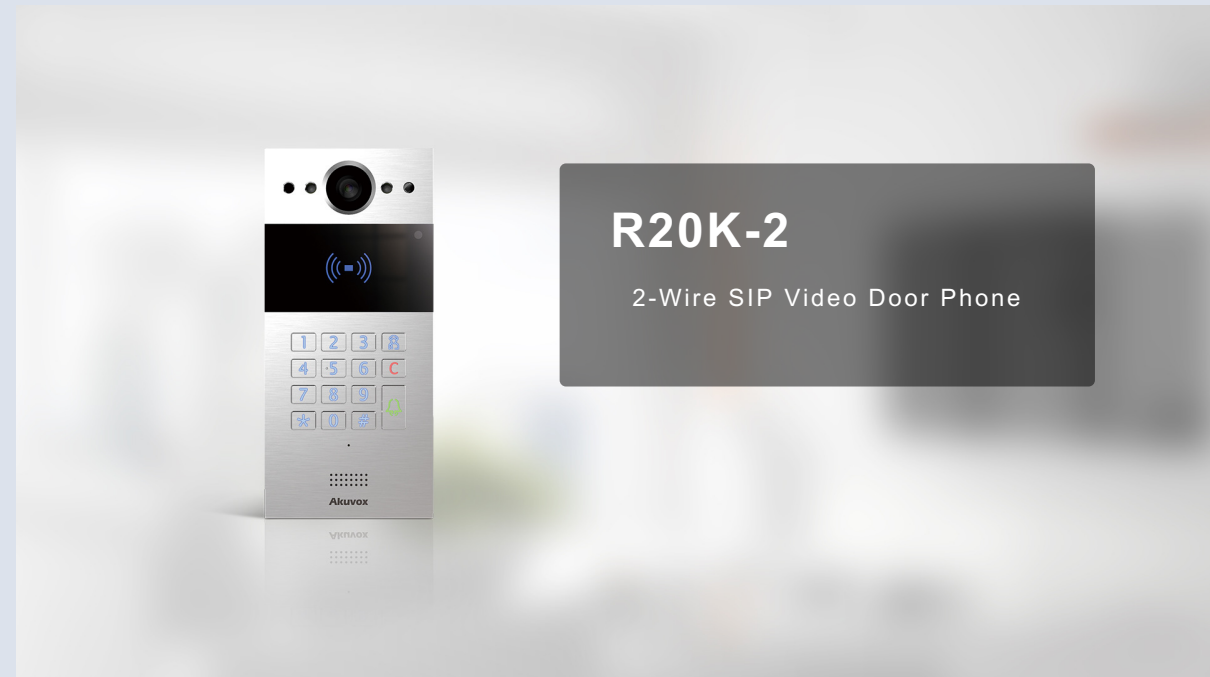


Introduction

Details

- Support 2-Wire Transmission
- Slim
- Numeric Keypad
- RFID (13.56MHz & 125KHz)
- NFC
- SIP
- ONVIF
- IP65

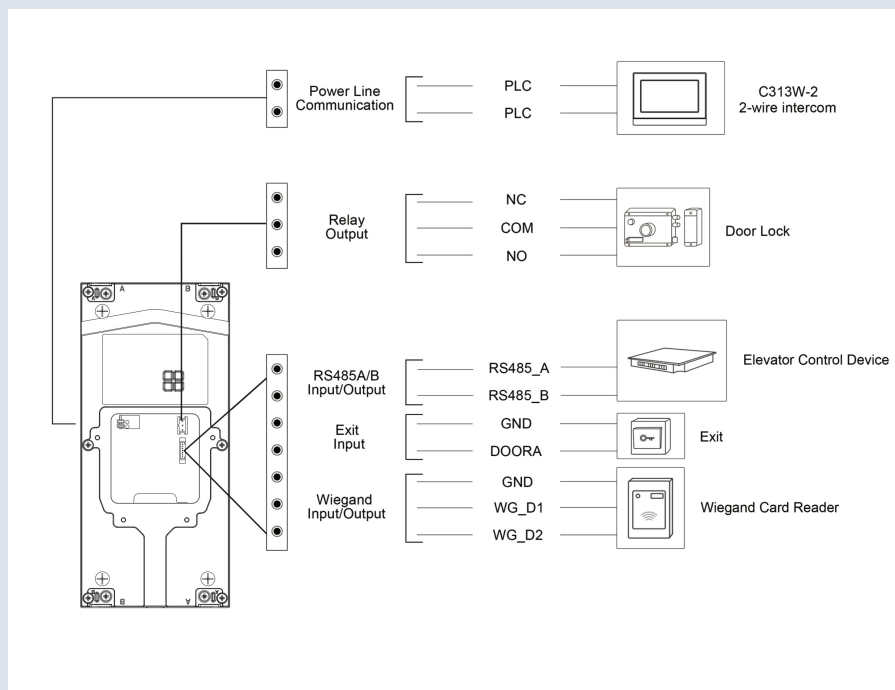
Overview



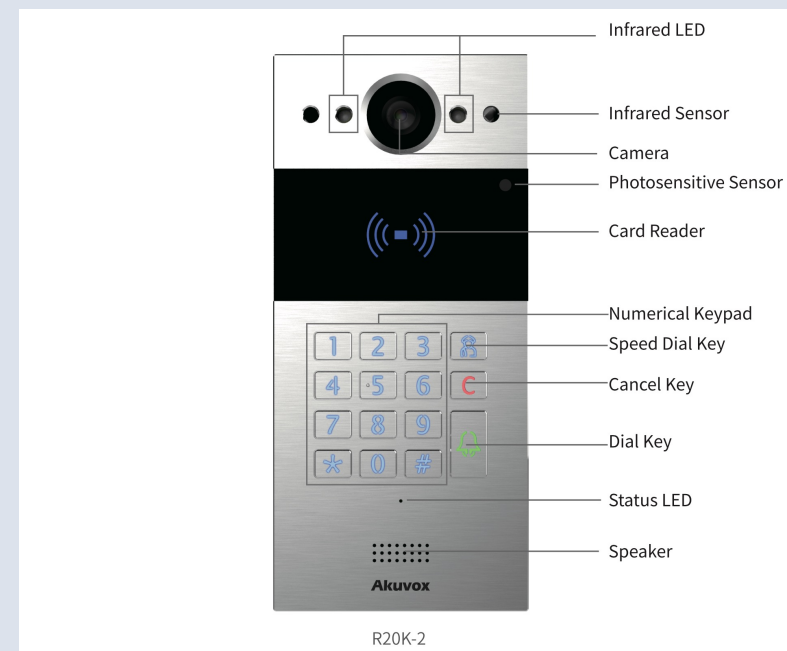


Hardware Part

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

Status	
Product Information	
Model	R20K-2
MAC Address	
Firmware Version	220.30.3.11
Hardware Version	220.4
Location	Stair Phone
Uptime	00:01:23

Network Information	
Port Type	DHCP Auto
Link Status	Connected
IP Address	192.168.2.37
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.
- **Step Three:** Choose whether hang up after open the door.
- **Step Four:** Set Dial Plan for Quick calling, such as use **101** to replace several IP / SIP numbers to realise quick calling feature, in the Module of **Phone > Dial Plan**.

Overview

Manager Dial

Call Type Group Call

Call Timeout (Sec) 60

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

Group Call Number (Local)

Hang Up After Open Door

Type DTMF Or HTTP

Time Out 5 (0~15 Sec)

Dial Plan

Index	Account	Name	Prefix	Replace 1	Replace 2	Replace 3	Replace 4	Replace 5	
1									☐
2									☐
3									☐

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..
- **Step Three:** Edit User data in the Module of **Contact > Contact list**.
- **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
Type	Default state
Mode	Monostable
Trigger Delay(Sec)	0
Hold Delay(Sec)	3
DTMF Mode	1 Digit DTMF
1 Digit DTMF	0
2~4 Digits DTMF	010

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

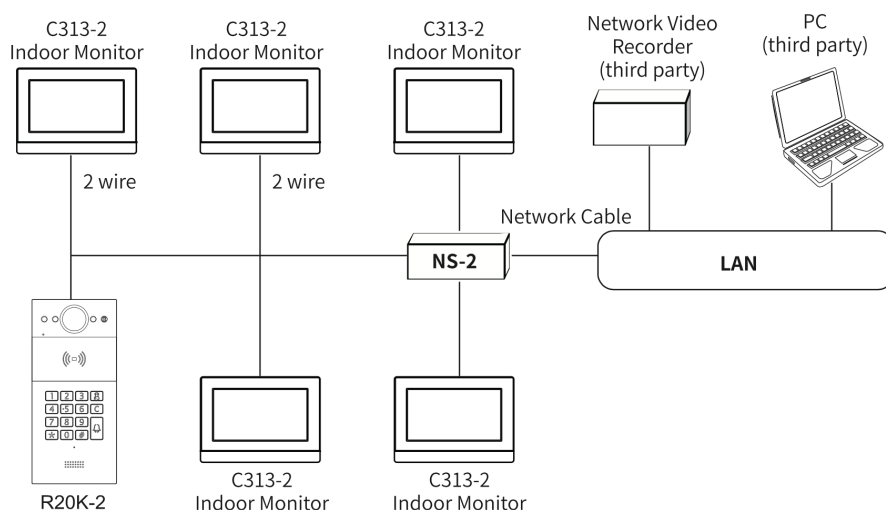
Audio Enabled	☒
Video Enabled	☒
2nd Video Enabled	☒
Audio Codec	PCMU
Video Codec	H.264
2nd Video Codec	H.264



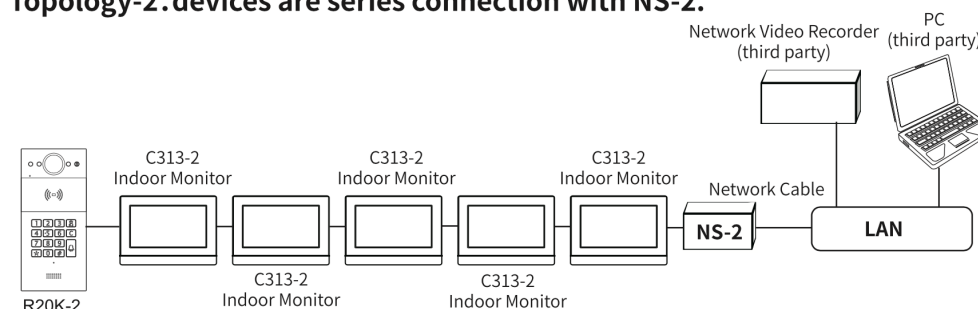
4 Wiring Specificities

Application Network Topology

Topology-1: each device connect to NS-2 separately.



Topology-2: devices are series connection with NS-2.



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THANK YOU

FOR WATCHING

- INNOVATION
- SERVICE
- QUALITY