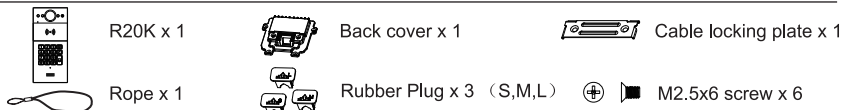


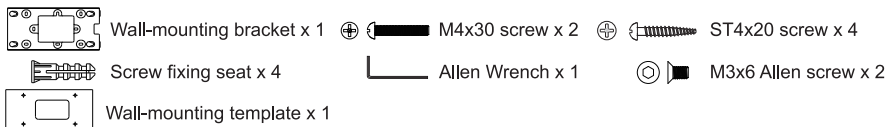
Unpacking

Before you begin using the device, please check the version you got and ensure that the following items are included in the shipped box:

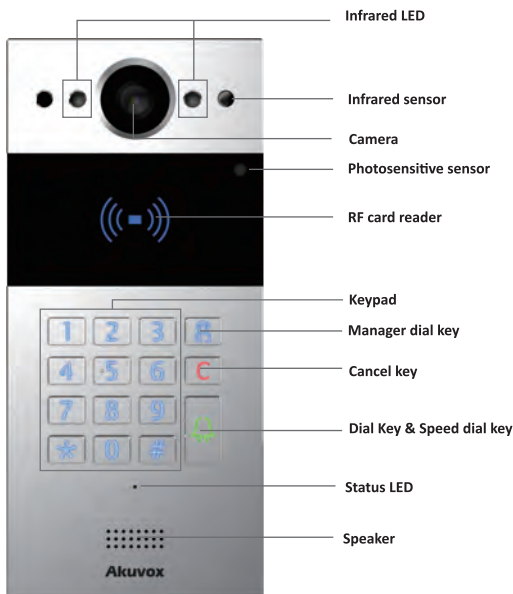
Universal Accessories:



Wall-mounting Accessories :



Product Overview



R20K

R20K

Wall-mounting Installation Quick Guide

Installation Environment

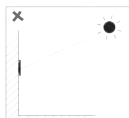
Indoor and outdoor installation are supported.

If installing the device outdoors, please don't place device under direct sunlight, it will bring a bad effect or be broken with the high temperature.

If installing the device indoors, please keep device at least 2 meters away from light, and at least 3 meters away from window and door .



Backlight



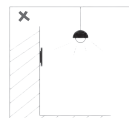
Direct sunlight



Direct sun through window



Indirect sunlight through window

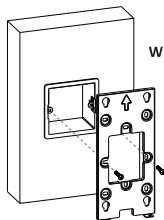


Close to light

Wall-mounting Installation

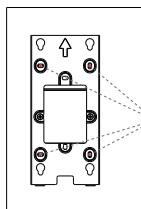
Step1: Wall-mounting Bracket Installation

1. With embedded one-gang junction box (86x86 mm or 2x3 inches in size) in the wall.

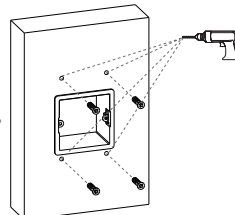


With 86x86 mm junction box.

Fix the wall-mounting bracket on 86x86 mm junction box with two M4x30 screws.

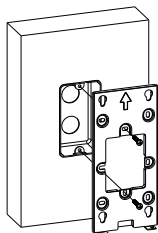


Mark the four holes of the wall-mounting bracket on the wall.



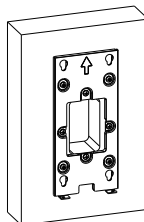
Use a hand drill with 5 mm diameter bit to drill four screw holes with a depth of 25 mm at the marked positions. Then insert four screw fixing seats into the holes.

or

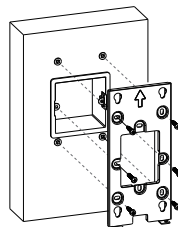


With 2x3 inches junction box

Fix the wall-mounting bracket to the 2x3 inches junction box with two M4x30 screws.

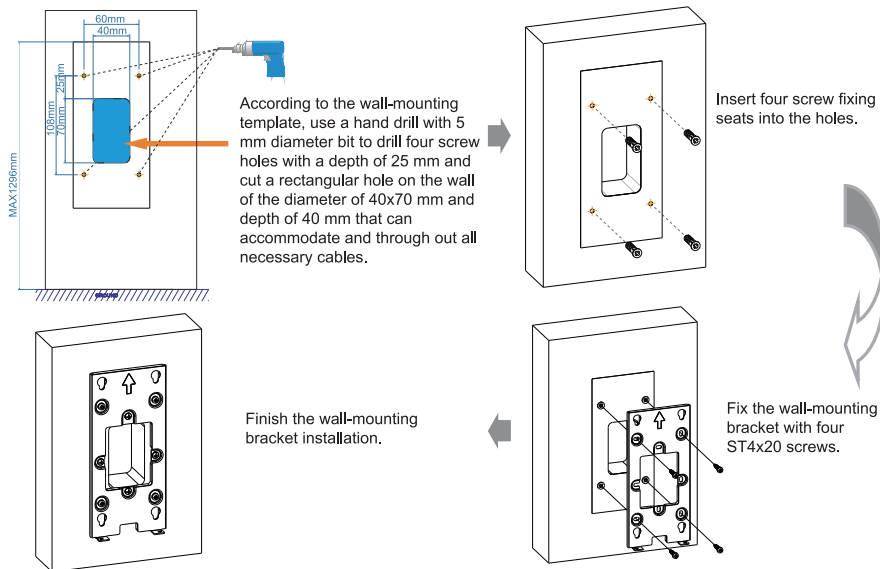


Finish the wall-mounting bracket installation.

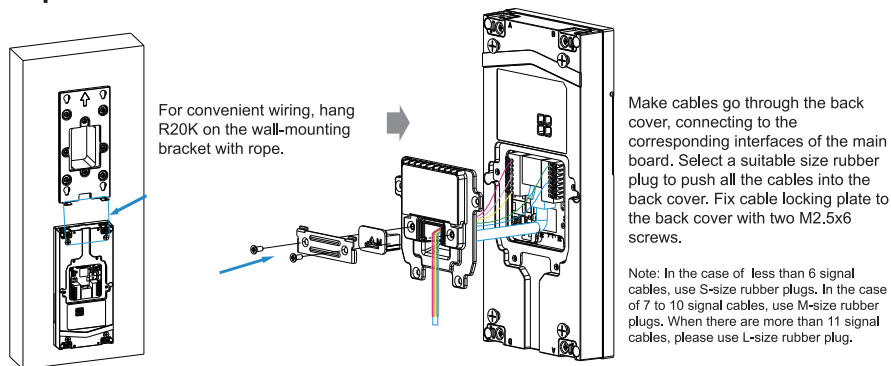


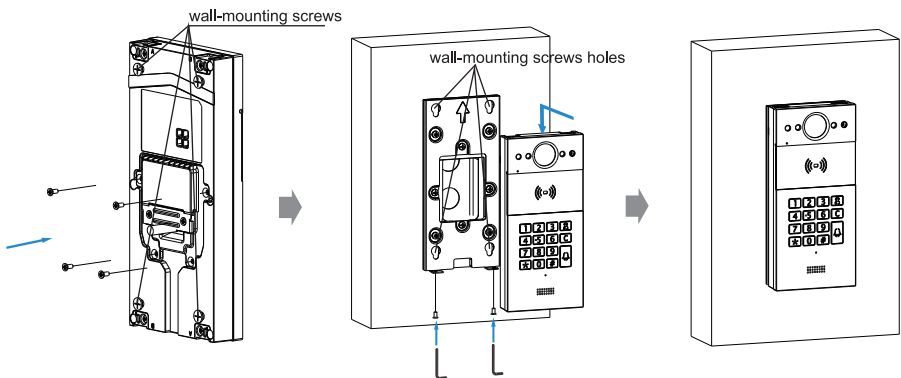
Fix the wall-mounting bracket with two M4x30 screws and four ST4x20.

2. Without embedded junction box in the wall



Step2: Back Cover Installation



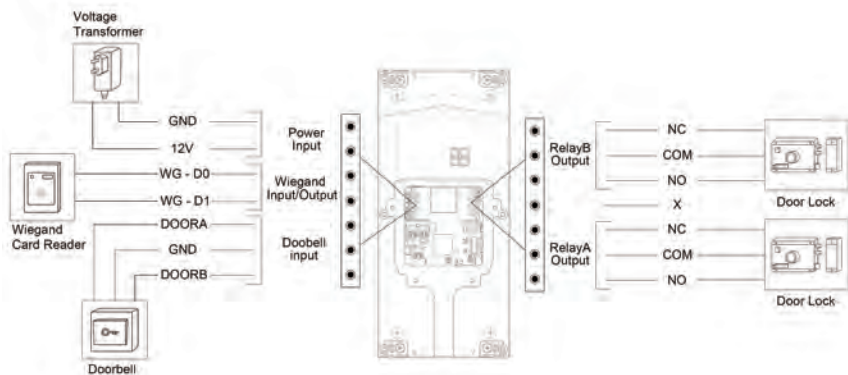


Fasten the back cover with four M2.5x6 screws.

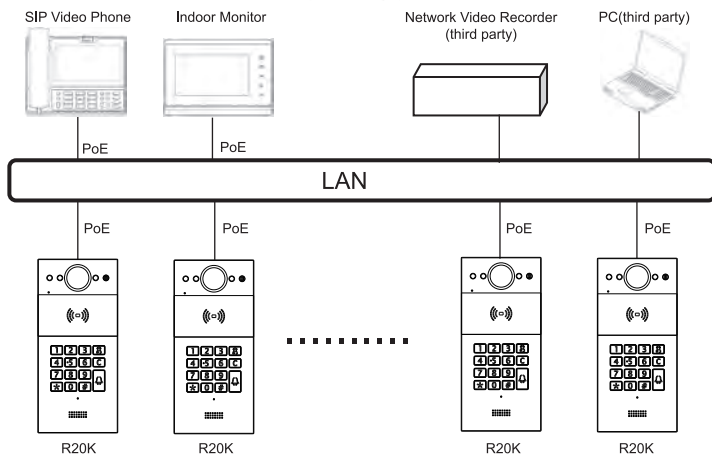
Insert the four wall-mounting screws on the device into the corresponding holes on the wall-mounting bracket, and then press down to slide the wall-mounting screws into the groove. Then use the Allen Wrench to tighten the device with two M3x6 screws.

Installation is completed.

Device Wiring



Application Network Topology



IP Announcement

1. While R20K starts up normally, press *3258*, voice system will enter IP announcement mode.
2. In announcement mode, the IP address will be announced periodically.
3. Press Cancel Button again to quit the announcement mode.
4. In announcement mode, phone announces "IP 0.0.0.0" if no IP address is gained.

Configuration

1. Access the Web UI: Input the IP address into web browser to configure the phone.
2. Account Registration: On web UI, go to the path: **Account -> Basic** page Register Account and fill in the account information. (*Please refer to user manual for more information*)
3. Configure the Push Button: On web UI, go to the path: **Intercom -> Basic -> Push Button** to configure the call number.
4. Configure the code to open the relay: On web UI, go to the path: **Intercom -> Relay -> Relay ID/DTMF** and choose the DTMF code number in corresponding area.

Operation

Make a call:

Press the SIP number or IP address and dial key to make a call.

Receive a call:








R20K supports Auto Answer by default. Incoming call will be answered automatically.

Unlock:

1. During the talk, called party can press pre-configured code number to unlock the door;
2. Scan the predefined RFID card nearby the card reader to unlock;
3. Press the predefined pin code to unlock.

Indicators

 Light ON  Light OFF

Name	Status	Description
Status indicator	Blue	 Normal status
		 Calling
	Red	 Restarting
		 Network is unavailable
	Green	 Initialing/Talking on a call
		 Receiving a call
	Red/Blue	 Firmware upgrading

Note: For more LED settings, please refer to R20K webUI: Intercom -> LED Setting.

Notice Information

Akuvox R20K firmware contains third-party open source software under the terms of the GNU General Public License (GPL). Akuvox is committed to meeting the requirements of the GNU General Public License (GPL) and will make all required source code available.

The source code of software under the terms of GNU GPL can be downloaded online: <http://www.akuvox.com/gpl>.

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