

R20X Quick Guide

Installation

Step 1: Bracket/Box Installation

Wall Mounting

With 86 embedded box in the wall

Fix the wall-mounting bracket on embedded box with two M4x30 screws. Mark the four holes of the wall-mounting bracket on the wall. Take down two M4x30 screws and remove the wall-mounting bracket. Fix the wall-mounting bracket with two ST4x20 screws and two M4x30 screws. Insert two screw fixing seats into the holes. Use a hand drill with 5mm diameter bit to make holes in the marked positions.

Without 86 embedded box in the wall

Keep the outlet hole in the range of wall-mounting bracket, then make the four holes of the wall-mounting bracket on the wall for the screws. Use a hand drill with 5mm diameter bit to make the hole in marked positions. *Please note the relative position of the outlet hole and the suggest size of which is 45°-30mm. Fix the wall-mounting bracket with four ST4x20 screws. Insert four screw fixing seats into the holes.

R20X Quick Guide

Flush Mounting

Dig out a square hole (height*width*depth=155*95.5*65mm). Note: The size of the hole should be a little larger than recommended value that it can accommodate all needed cables. Insert the embedded box into the hole and make sure the cables of the device can route through the cable hole. Then mark the four screw holes of the wall embedded box on the wall. Take down the embedded box, then use a hand drill with 5mm diameter bit to make holes in the marked positions. Use four M4x10 screws to fix the flush-mounting bracket on the embedded box. Place the embedded box into the square hole until the edges of which align to the wall and make all cables go through the cable hole. Fix the embedded box with four ST4x20 screws. Then use cement or non-corrosive structural adhesives to fill the gap between the wall and embedded box. Or you can choose another simple method without fixing ST4x20 screws. Dig out a square hole (height*width*depth=155*95.5*65mm) for inserting the embedded box. Use cement or non-corrosive structural adhesives to fill the gap between the wall and embedded box. Wait the adhesive material desiccation, go to the next step. Use four M4x10 screws to fix the flush-mounting bracket on the embedded box.

R20X Quick Guide

Step 2: Back cover Installation

For convenient wiring, hang R20X on the wall-mounting/flush-mounting bracket with rope. Make cables go through the back cover, connecting to the corresponding interfaces of the main board. Fasten the back cover with four M3x8 screws. Make cables go through the cable buckle, and then press the cable buckle into the back cover.

Step 3: Device Mounting

Place the device into the wall-mounting / flush-mounting bracket until the edges of which align to the wall. Then pull the device downward and ensure the groove of which hooks to the lock catches of the back box. Use the Allen wrench to tighten the device with the M3 x8 screws. Finish the installation.

R20X Quick Guide

Application Network Topology

IP Announcement

- While R20X starts up normally, hold the call button for several seconds after the Status LED turns blue, voice system will enter IP announcement mode.
- In announcement mode, the IP address will be announced periodically.
- Press Call Button again to quit the announcement mode.
- In announcement mode, phone announces "IP 0.0.0.0" if no IP address is gained.

Configuration

- Access the Web UI: Input the IP address into web browser to configure the phone.
- 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*)
- Configure the Push Button: On web UI, go to the path: **Intercom -> Basic -> Push Button** to configure the call number.
- 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.

R20X Quick Guide

Operation

Make a call:

- Press the call button to call indoor SIP Phone.
- During the talk, called party can press pre-configured code number to unlock the door.

Receive a call:

R20X supports Auto Answer by default. Incoming call from indoor device will be answered automatically.

Indicators

Name	Status	Description
Status indicator	Blue	Normal status
	Blue (0.25sec on, 0.25sec off)	Calling
Red	Red (0.05sec on, 0.05sec off)	Restarting
	Red (0.25sec on, 0.25sec off)	Network is unavailable
Green	Green (0.25sec on, 0.25sec off)	Initiating/Talking on a call
	Green (0.25sec on, 0.25sec off)	Receiving a call
Red/Blue	Red/Blue (0.05sec on, 0.05sec off)	Firmware upgrading

Note: For more LED settings, please refer to R20X webUI: Intercom -> LED Setting.

R20X Quick Guide

Unpacking

Please make sure the package contains the following items:

Universal Accessories:

- R20X x 1
- Back cover x 1
- M3x8 screw x 4
- ST4x20 screw x 4
- Screw fixing seat x 4
- Rope x 1
- Allen Wrench x 1
- Cable buckle x 1

Wall-mounting Accessories:

- M3x6 screw x 1
- M4x30 screw x 2
- Wall-mounting bracket x 1

Flush-mounting Accessories:

- M3x6 screw x 3
- M4x10 screw x 4
- Embedded box x 1
- Flush-mounting bracket x 1

Product Overview

旧底图单号	
底图总号	
日期	签名

技术要求

- 双面彩色印刷
- 材质为157克进口铜版纸，覆亚膜
- 幅面尺寸390X180mm，三折，折页后成品尺寸130x180mm
- 产品要经设计确认方可量产

更改标记	数量	更改单号	签名	日期
设计		周豪杰		2017.10.25
审核		赵欣		2017.10.25
工艺				
标准化		王俊山		2017.10.25
批准		翁震曦		2017.10.25

R20快速安装指南

TZ-SM-001813		版本	
		V1.0	
等级	标记	重量	比例
/	/	/	/
第 1 张		共 1 张	
福建星网锐捷通讯股份有限公司			