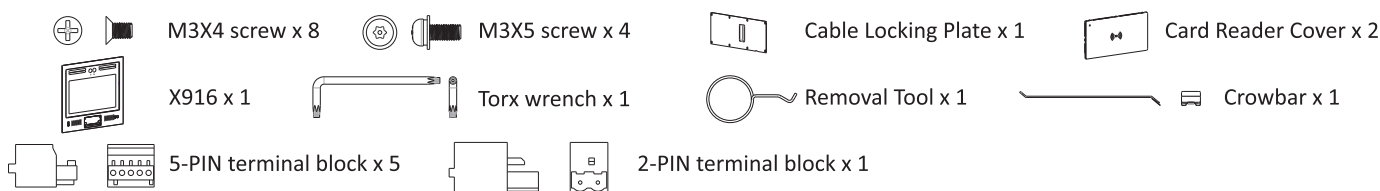## Unpacking

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

Mainframe Accessories(Please find in device box):

M3X4 screw x 8	M3X5 screw x 4	Cable Locking Plate x 1	Card Reader Cover x 2
X916 x 1	Torx wrench x 1	Removal Tool x 1	Crowbar x 1
5-PIN terminal block x 5	2-PIN terminal block x 1		

Wall-mounting Accessories(Please find in On-wall Installation Kit box)：

Wall-mounting box x 1   ST4X20 screw x 6   Screw fixing seat x 6

Flush-mounting Accessories(Please find in In-wall Installation Kit box)：

flush-mounting box x 1   ST4X20 screw x 6   Screw fixing seat x 6

Product Overview

Camera   IR Camera

- IR LED
- White Light LED
- Mic
- Touch Screen
- Card Reader
- Infrared Sensor
- Photosensitive Sensor
- Speaker
- QR Camera
- QR Fill Light
- Speaker

339.1 mm

13:20 PM   01-06-2019

Visitor

PIN   Dial

Contacts   Reception

Akuvox Open A Smart World
10/F, No.56 Guanri Road
Software Park II, Xiamen, China, 361009

383.9 mm

X916

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.
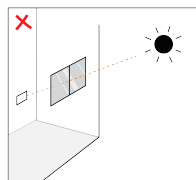If installing the device indoors, please keep device at least 2 meters away from light, and at least 3 meters away from window and door .
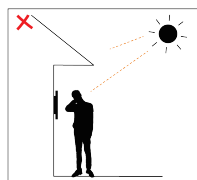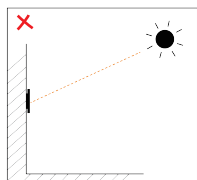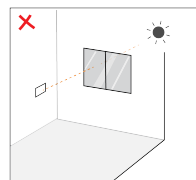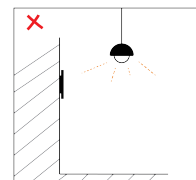
| Backlight | Direct sunlight | Direct sun through window | Indirect sunlight through window | Close to light |

Attention:
Biometric recognition product may not be considered 100% to fit in any identification application.
For higher security purpose or scenario, please set up access authentication combination.
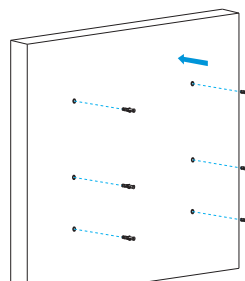
Installation
Step 1： Box Installation
1. Wall-Mounting

336.8mm
173.9mm
118.2mm
28.5mm
64.3mm
45.8mm
134.6mm
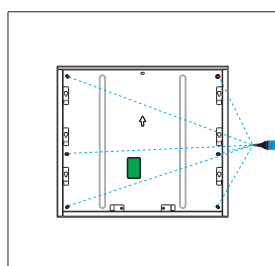
Hold the back of the wall-mounting box close to the wall, and make sure that the opening in the green area on the left is the wire hole position for the wall and adjust it to a horizontal position. Mark the six holes of the wall-mounting box on the wall.
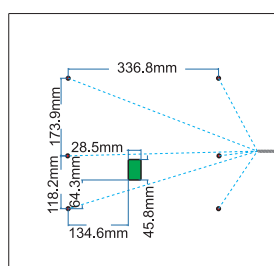
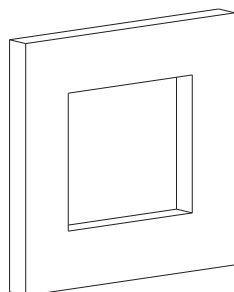Use a drill with 5 mm diameter bit to make holes in the marked positions.

Insert the screw fixing seats into the holes.
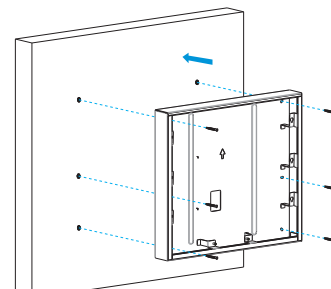
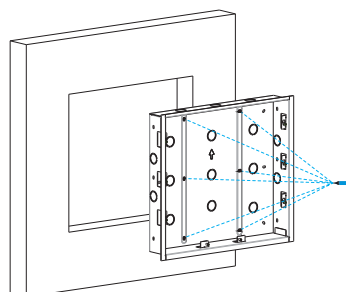Fix the wall-mounting box with six ST4x20 screws.
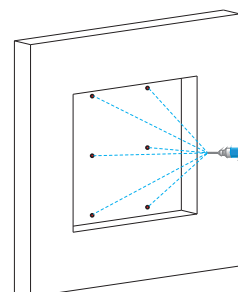
2. Flush-Mounting
2.1 Normal Installation

Cut a rectangular hole on the wall of the diameter of 358x319 mm and depth of 58 mm that can accommodate and through out all necessary cables.
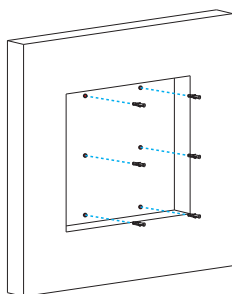Note:The size of the hole should be a little larger than recommendedvalue.
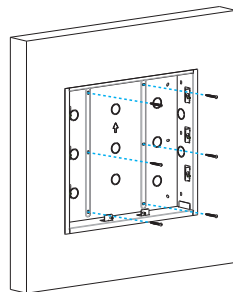
Insert the flush-mounting box into the hole and make sure the cables of the device can route through the suitable cable holes. Then mark the six holes of the flush-mounting box on the wall.
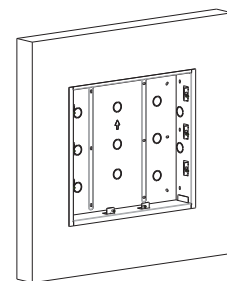
Use a drill with 5 mm diameter bit to make holes in the marked positions.

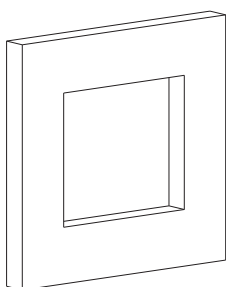Insert the screw fixing seats into the holes you drilled before.

Place the flush-mounting box into the rectangular hole and route all cables through the cable holes. Fix the embedded box with six ST4x20 screws.
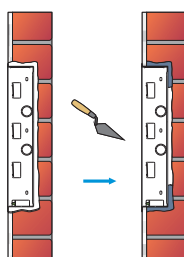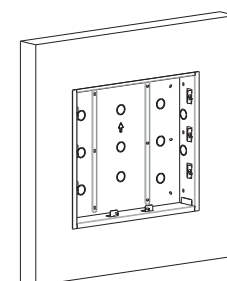
Flush-mounting box is installed.

2.2 Or you can choose another simple method without fixing ST4x20 screws

Cut a rectangular hole on the wall of the diameter of 358x319 mm and depth of 58 mm that can accommodate and through out all necessary cables. Note:The size of the hole should be a little larger than recommendedvalue.
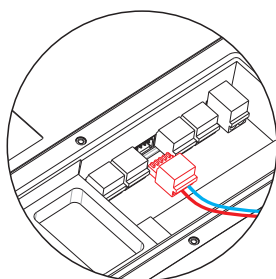
Use cement or non-corrosive structural adhesives to fill the gap between the wall and flush-mounting box. Wait the adhesive material desiccation, go to the next step.
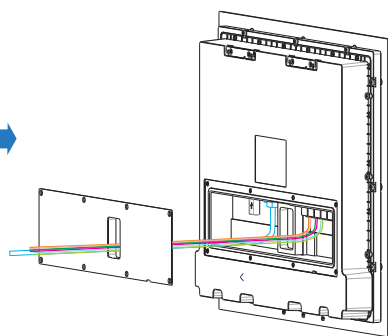
Flush-mounting box is installed.

## STEP 2： Cable locking plate and terminals Installation

Connect the terminal blocks to the cables as needed. 2-PIN terminal block can only be used for power Input port. For details, refer to "Device Wiring".

Make cables of the installed terminal blocks go through the hole of the cable locking plate, connecting to the corresponding interfaces of the main board.
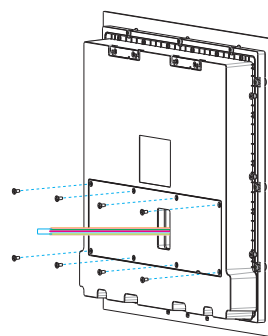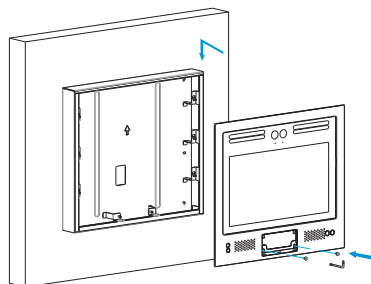
Fasten the cable locking plate with eight M3x4 screws.
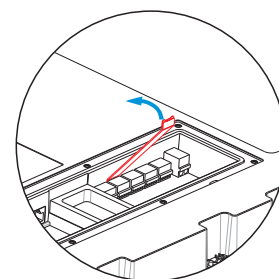
When disassembling, insert the end of the crowbar without the thin steel sheet between the device and the terminal blocks, and then pry up the terminal blocks in the direction of the arrow in the figure.

STEP 3： Device Mounting

Insert the device into the wall-mounting box/flush-mounting box, pull the device downward to ensure the six pegs on the back of which hooked to the hanging holes of the box.
Then use the torx wrench to tighten the device with two M3x8 screws.
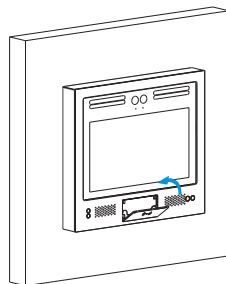
Place the card reader cover into the groove of card reader area(Please note that the small round hole on which must be in the upper left corner), and press around to fix it.
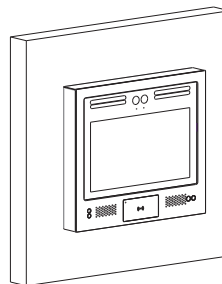
Finished.
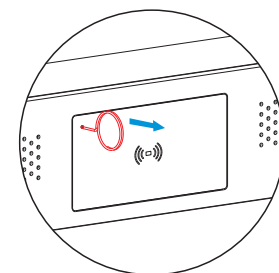
When disassembling, please use the Removal tool, insert into the small round hole in the upper left corner of the card reader cover and pull it out.

Device Wiring

RS485 WIEGAND	RELAY 4	RELAY 3	RELAY 2	RELAY 1	PWR

RS485 WIEGAND	485A	485B	GND	D0	D1	RELAY 2	IN2	GND	NO2	COM2	NC2
RELAY 4	IN4	GND	NO4	COM4	NC4	RELAY 1	IN1	GND	NO1	COM1	NC1
RELAY 3	IN3	GND	NO3	COM3	NC3	PWR	PWR_IN	GND			

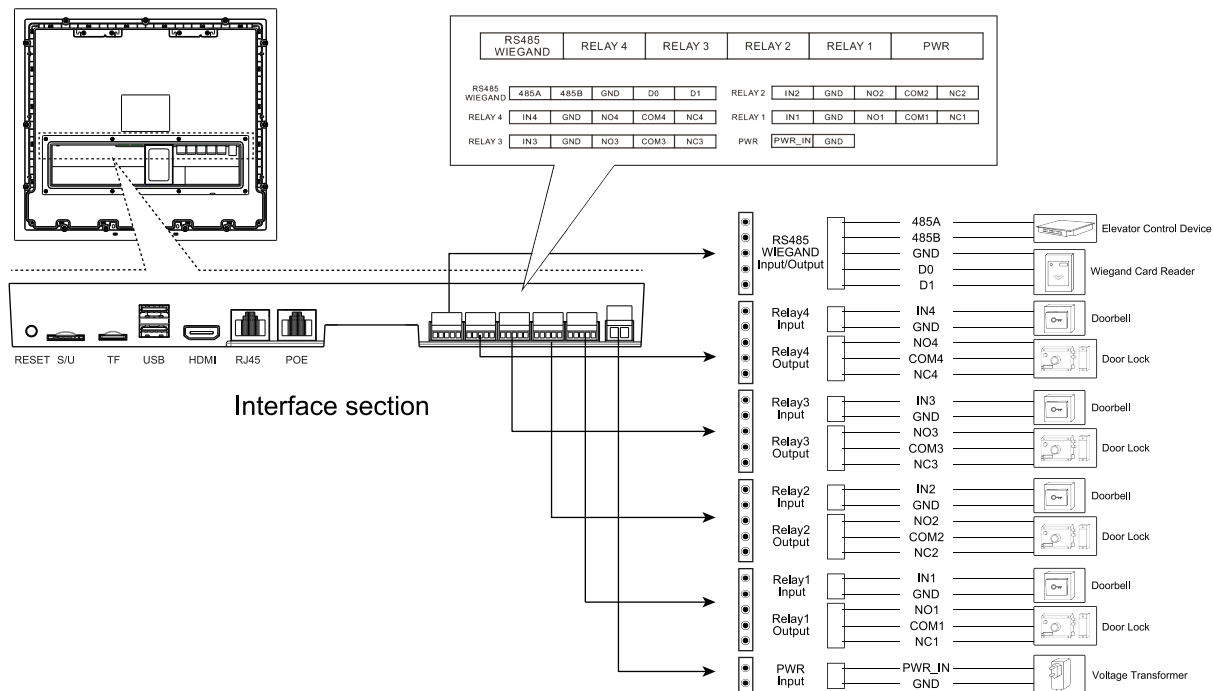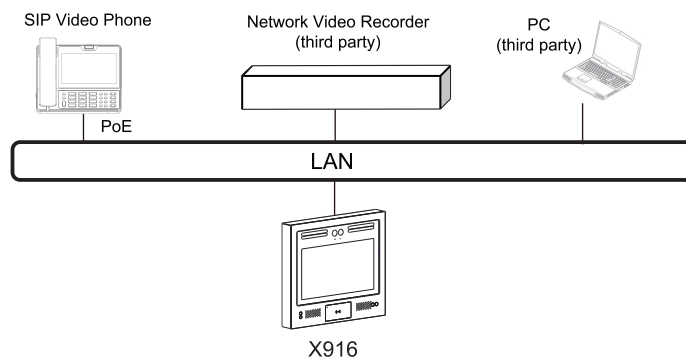RESET S/U TF USB HDMI RJ45 POE

Interface section

RS485 WIEGAND Input/Output	485A / 485B / GND / D0 / D1	Elevator Control Device / Wiegand Card Reader
Relay4 Input / Relay4 Output	IN4 / GND / NO4 / COM4 / NC4	Doorbell / Door Lock
Relay3 Input / Relay3 Output	IN3 / GND / NO3 / COM3 / NC3	Doorbell / Door Lock
Relay2 Input / Relay2 Output	IN2 / GND / NO2 / COM2 / NC2	Doorbell / Door Lock
Relay1 Input / Relay1 Output	IN1 / GND / NO1 / COM1 / NC1	Doorbell / Door Lock
PWR Input	PWR_IN / GND	Voltage Transformer

Application Scenario

SIP Video Phone

Network Video Recorder (third party)

PC (third party)

PoE

LAN

X916

Configuration

1.IP Address Checking:Press 9999 in dialing interface, then input 3888 to enter the system interface. Click Info to check the IP address. X916 uses DHCP by default.
2.Account Registration:On web UI, go to the path: *Account -> Basic* page to register account and fill in the account information. *(Please refer to user manual for more information)*
3.DTMF Code Configuration:On web UI, go to the path: *Intercom -> Relay -> Relay ID/ DTMF* choose the DTMF code number in corresponding area.

Operation

Make a call:
Input the room number, press Dial key to make a call.
Unlock by DTMF:
During the call, press the corresponding DTMF code from answer unit to unlock X916 remotely.
Unlock by Private Key:
In the PIN/PASSWORD interface, enter the password to open the door.
Unlock by RF Card:
Place the predefined RF Card in the RF reader area to open the door.

Notice Information

XS91600000