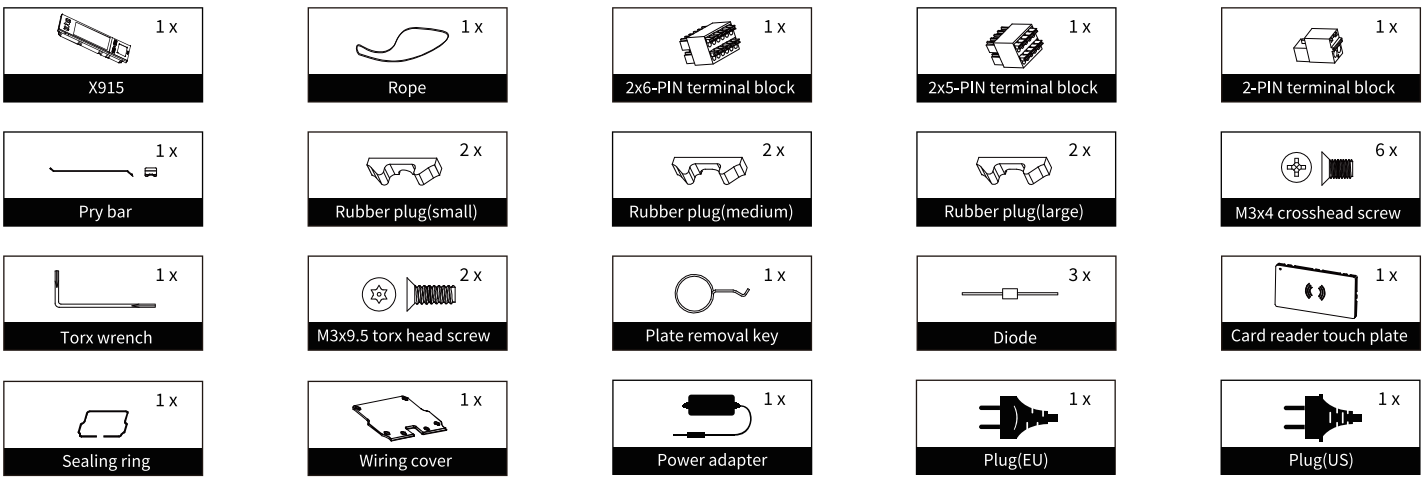
Akuvox Smart Intercom

X915X
Quick Installation Guide

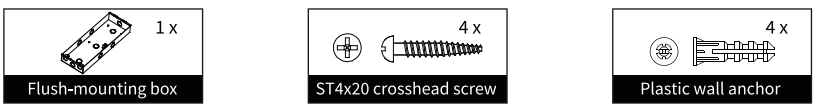
Unpacking

Before using the device, check the device model and ensure that the shipped box includes the following items:



Optional Accessories:

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



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



Product Overview



Before You Start

Tools needed

(not included in shipped box)

- Cat Ethernet Cable
- Crosshead Screwdriver
- Electric Drill

Voltage and Current Specfications

- It is suggested that use PoE+ or 24VDC 2.5A power adapter to power on device.

AWG Sizes and Properties Table

Please follow the properly wire data to install device:

Power Supply	24VDC 2.5A				
AWG	12	14	16	18	20
Resistance (ohm/km)	5.31	8.45	13.5	21.4	33.9
Cross-sectional Area (mm^2)	3.332	2.075	1.318	0.8107	0.5189
Wire Length (m)	⩽40	⩽30	⩽20	⩽10	⩽5

Requirements

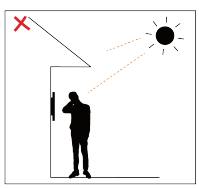
1.Place the device away from sunlight and light sources to prevent potential damage.

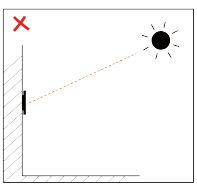
2.Do not place the device in the high-temperature, and humid environments or in surroundings impacted by magnetic field.

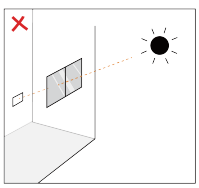
3.Install the device on the flat surface securely to avoid personal injuries and property loss caused by device' s falling.

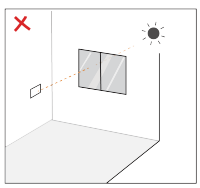
4.Do not use or place the device near heating objects.

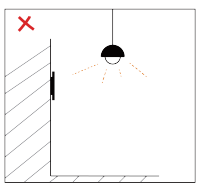
5.If installing the device indoors, please keep device at least 2 meters away from light, and at least 3 meters away from window and door.


Backlight


Direct sunlight


Direct sun through window


Indirect sunlight through window


Close to light

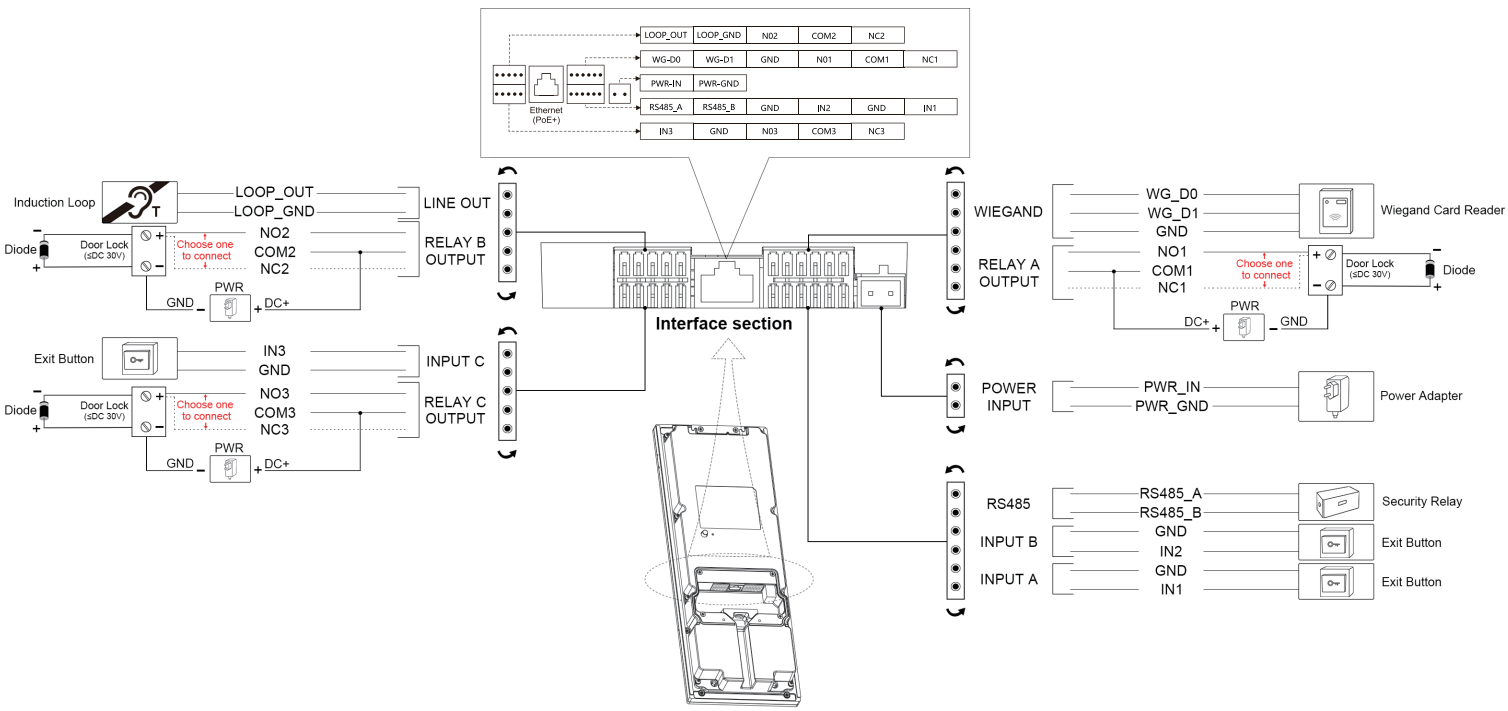
Warning!

1. To ensure safety, avoid touching power cord, power adapter, and device with wet hands, bending or pulling the power cord, damaging any components, and use only qualified power adapter and power cord.
2. Be careful that standing up on the area under the device in case of personal injuries cause by hitting the device.

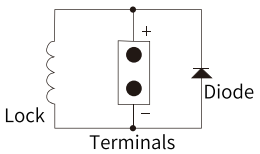
Caution

1. Do not knock device with hard objects.
2. Do not press down hard on the device screen.
3. Do not expose device to chemical products, such as alcohol, acid liquid, disinfectants, and so on.
4. To prevent the device installation from becoming loose, ensure accurate diameters and depths of screw holes. If the screw holes are too large, use glue to secure the screws.
5. Use wet cloth clean device surface softly, and then wipe the surface with dry cloth for cleaning the device.
6. If there is abnormal situation of the device, including uncommon sound and smell, please power off the device and contact Akuvox Technical Team immediately.

Wiring Interface



To protect the device from potential damage caused by over-voltage, it is recommended to wire a diode into the circuit. Connect the anode of the diode to the negative cable of the lock, and connect the cathode of the diode to the positive cable of the lock.

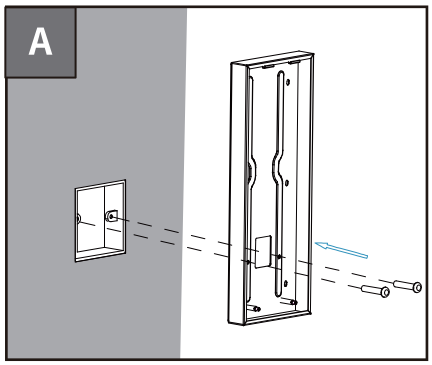


Installation

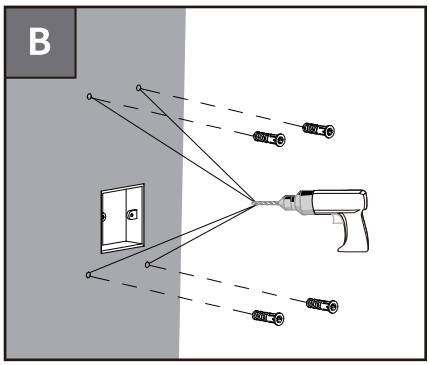
Step1: Wall-mounting Box or Flush-mounting Box Installation

1.Wall Mounting

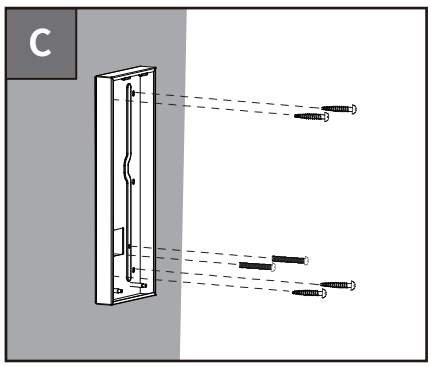
1.1. With 86x86 mm embedded junction box in the wall



a. Attach the wall-mounting box to the embedded box (86) using two **M4x30 crosshead screws.**
b. Mark the hole positions at the center of the four holes on the **wall-mounting box.**

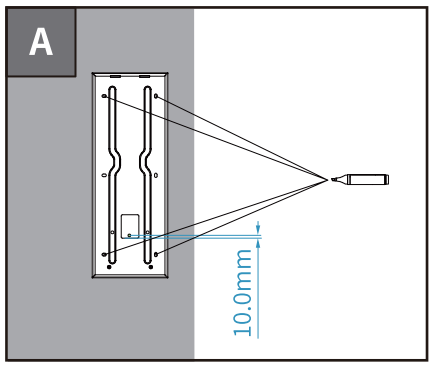


a. Remove the box and use a 6mm electric drill to drill the four marked holes.
b. Insert four **plastic wall anchors** into the holes.



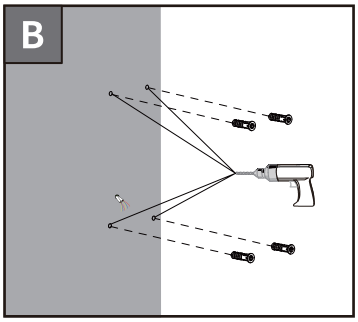
a. Align the **wall-mounting box' s** four holes with the corresponding drilled holes on the wall.
b. For fasten the wall-mounting box, tighten the four **ST4x20 crosshead screws** and two **M4x30 crosshead screws** to the **plastic wall anchors.**

1.2 Without embedded box in the wall

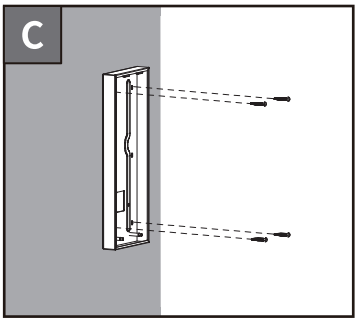


a. Position the **wall-mounting box** closely against the wall, aligning it with the wire' s location.
b. Mark the hole positions at the center of the four holes on the wall-mounting box.

Note: As shown in the figure, keep the bottom side of the square hole on the wall 10mm away from the wiring hole.

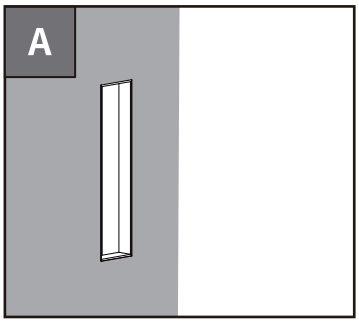


a. Remove the box and use a 6mm electric drill to drill the four marked holes.
b. Insert four **plastic wall anchors** into the holes.

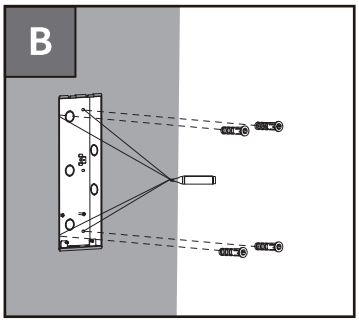


a. Align the **wall-mounting box' s** four holes with the corresponding drilled holes on the wall.
b. For fasten the wall-mounting box, tighten the four **ST4x20 crosshead screws** to the **plastic wall anchors.**

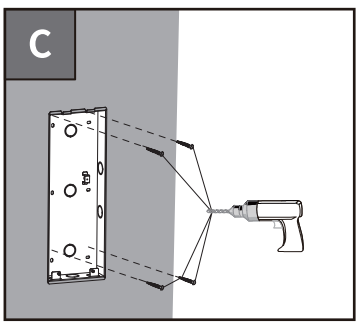
2. Flush-Mounting



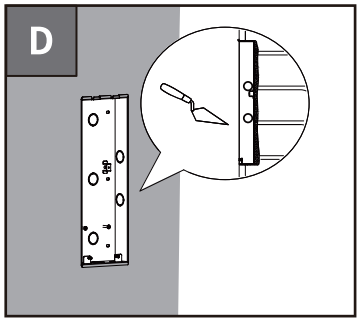
Cut out a square hole on the wall with the dimension 337*122*41mm (height*width*depth).



a. Insert the **flush-mounting box** into the hole and mark the hole positions.
b. Remove the box and use a 6mm electric drill to drill the four holes.
c. Insert four **plastic wall anchors** into holes.

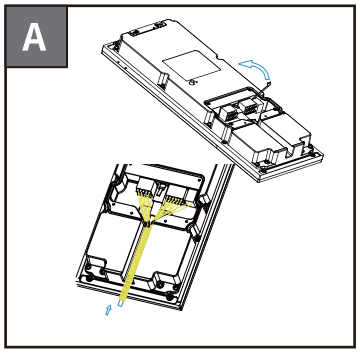


a. Break out the round wiring hole and lead wires go through the holes.
b. Press the **flush-mounting box** into the square hole, ensuring that the edges closely against the wall.
c. For fasten the **flush-mounting box** , tighten the four **ST4x20 crosshead screws** to the **plastic wall anchors.**



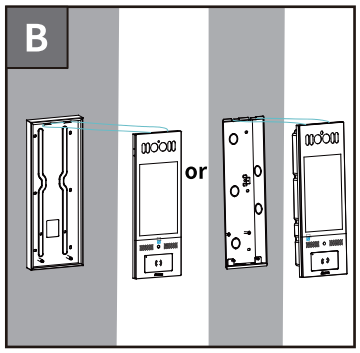
a. If the box doesn't closely against the wall, fill the gap between the wall and the **flush-mounting box** with cement or non-corrosive adhesive.
b. Wait for the cement to dry before proceeding to the next step.

Step2: Main Unit Installation

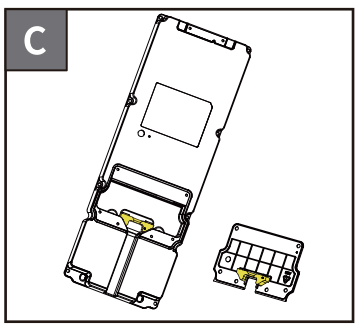


a. Insert the **terminal blocks** into the corresponding interface of as indicated in the drawing.
b. Connect the wires to the **terminal blocks** as needed (for details, refer to "Wiring Interface").

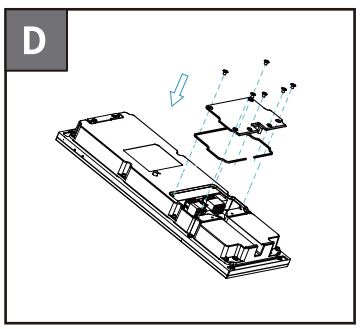
Note: The **pry bar attached** can be used to unplug the terminal block if needed.



For easier installation, hang the device on the box using a **rope.**

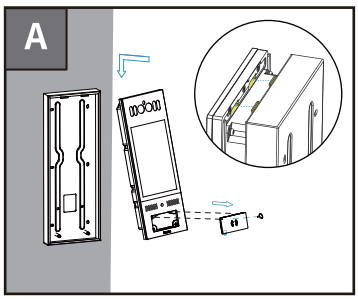


a. Select an appropriate **rubber plug** (small, medium, or large) to secure the wires.
b. Remove the adhesive sticker from the chosen **rubber plug** and attach it to the device wiring hole.
c. Similarly, remove the adhesive sticker from another **rubber plug** of the same size and place it on the wiring cover.



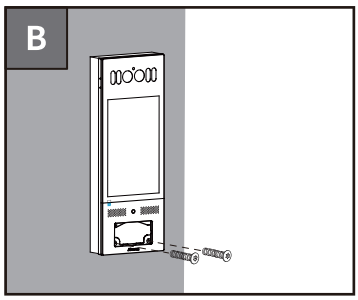
a. Press **sealing ring** and **wiring cover** into the corresponding groove.
b. Tighten the wiring cover with six **M3x4 crosshead screws.**

Step3: Device Mounting

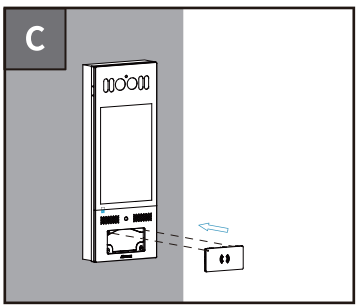


a. Insert **plate removal key** into the small hole located at the upper left of the **card reader plate touch plate** to pull out it.

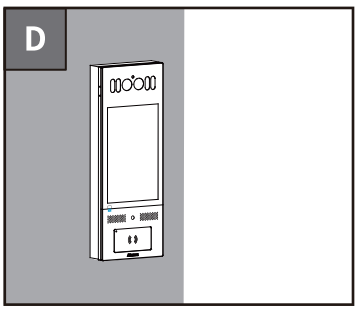
b. Hang the slots onto the back upper part of the main unit into the corresponding hooks of the wall box, and then gently lower the main unit into the wall box.



Fix two **M3X9.5 torx head screws** into the holes.

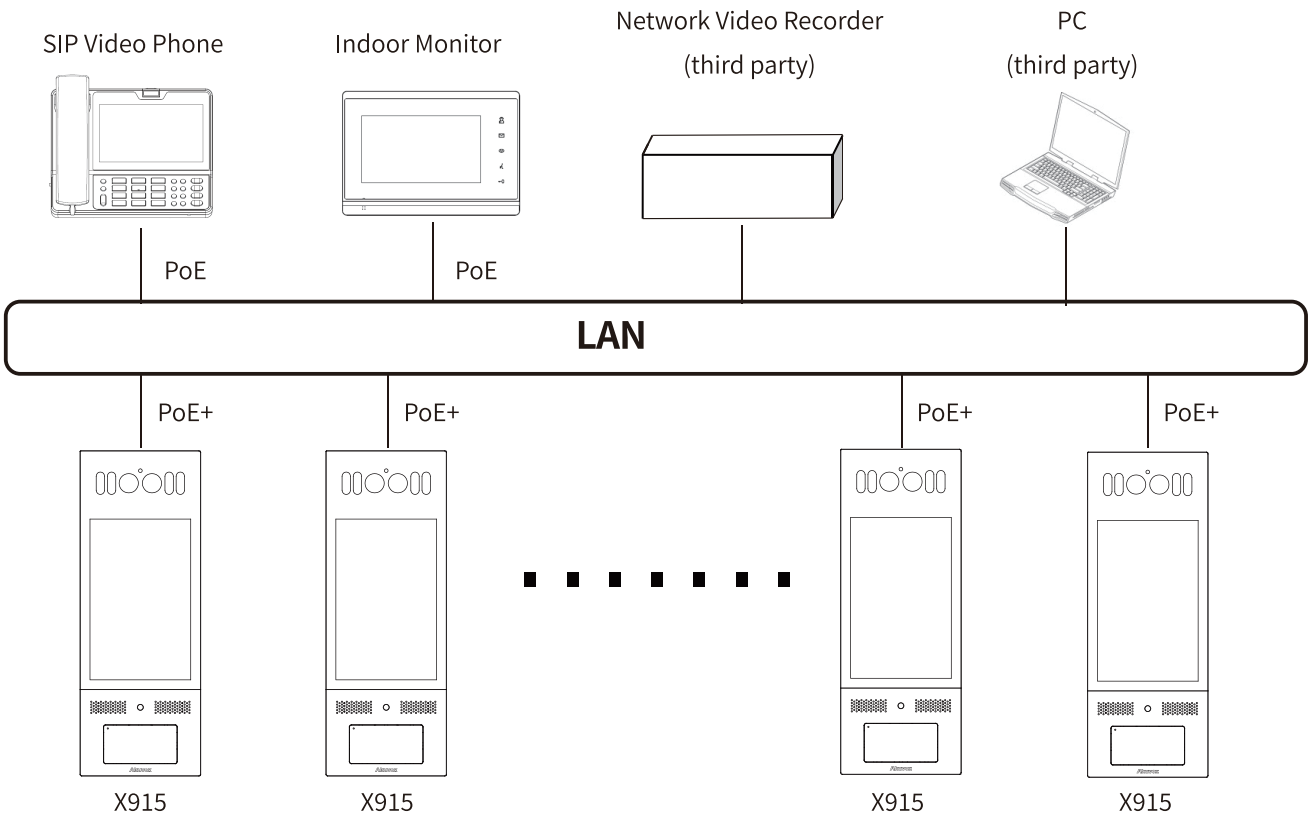


Press the **card reader touch plate** back into its original position.



Installation is completed, please remove the protective film.

Application Network Topology



Device Test

Please verify the device status after installation:

1. **Network:** Press **Call** key, enter 9999, and tap **Call**. Then, type 3888 and tap **Confirm** to access settings page. Go to **Network settings** to check the device's IP address and network status. Network is working properly if the IP address is obtained.
2. **Intercom:** Tap **Call** key, enter the IP or SIP number and press **Dial** key to make a call. Or, tap APT number to call. The call configuration is correct if the call is successful.
3. **Access Control:** Use pre-cofigured PIN code, RF card, and face to unlock door.

Warranty

1. Akuvox warranty does not cover intentional mechanical damage or destruction caused by improper installation.
2. Do not attempt to modify, alternate, maintain, or repair device by yourself. Akuvox warranty does not apply to damages caused by anyone who is not representative of Akuvox or an Akuvox authorized service provider. Please contact Akuvox Technical Team if the device need to be repaired.

Get Help

For help or more assistance, contact us at:

https://ticket.akuvox.com/

support@akuvox.com

Scan the QR code to get more videos, guides, and additional product information.

Notice Information

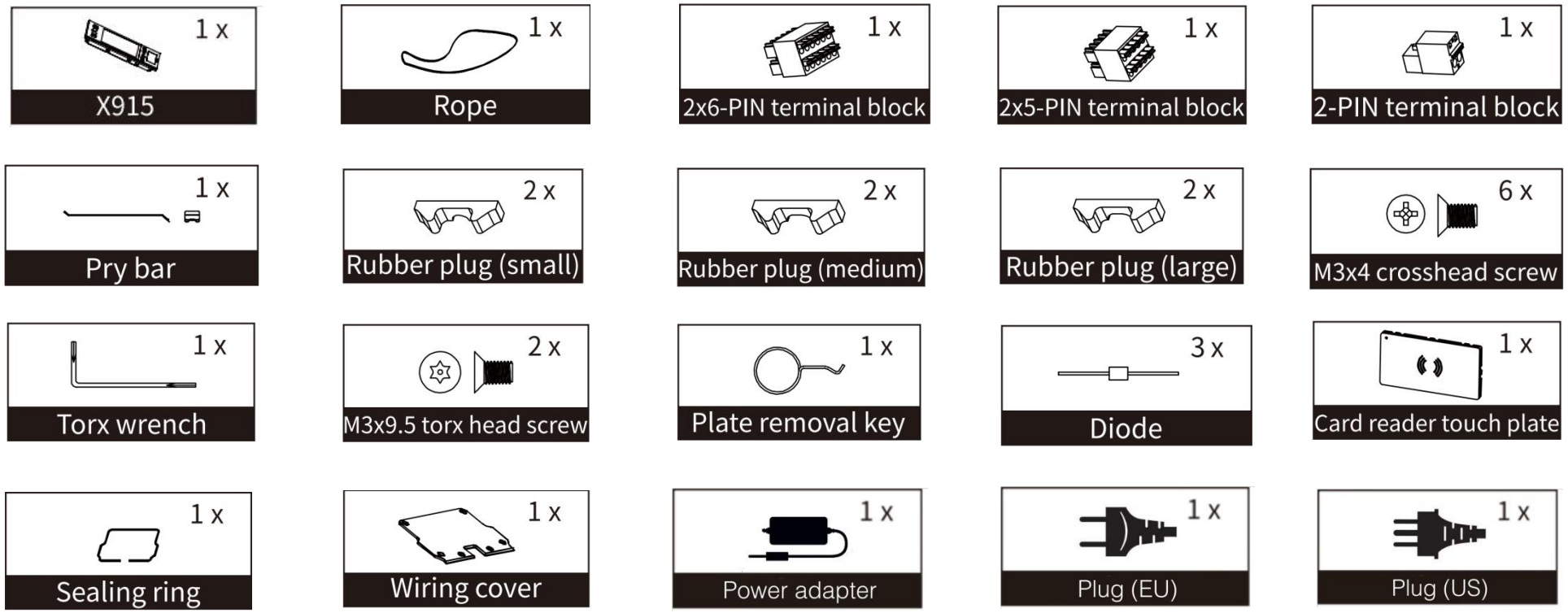
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Akuvox X915X

Installation Guide

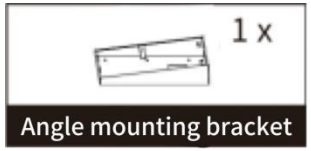
Unpacking

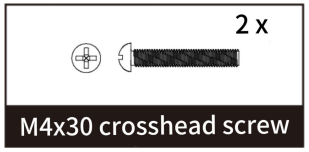
Before using the device, check the device model and ensure that the shipped box includes the following items:

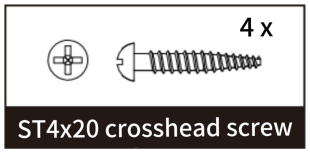


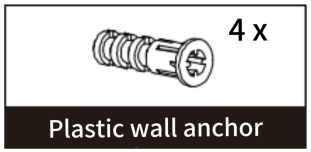
Akuvox X915X

Angle-mounting accessories:



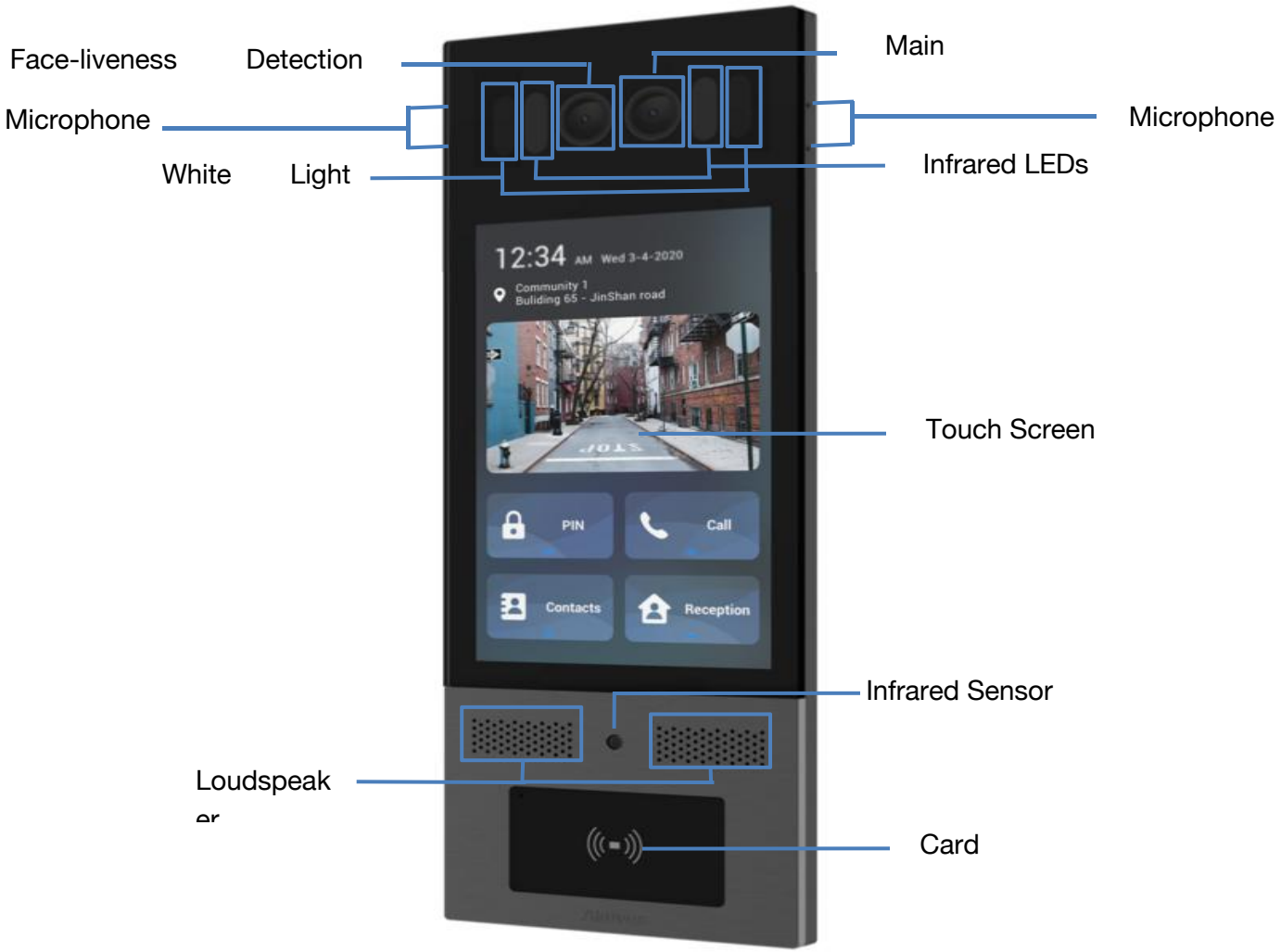






Akuvox X915X

Product Overview



Akuvox X915X

Before You Start

Tools needed

(not included in shipped box)

- Cat Ethernet Cable
- Crosshead Screwdriver
- Electric Drill

Voltage and Current Specifications

- It is suggested that use PoE+ or 24VDC 2.5A power adapter to power on device.

AWG Sizes and Properties Table

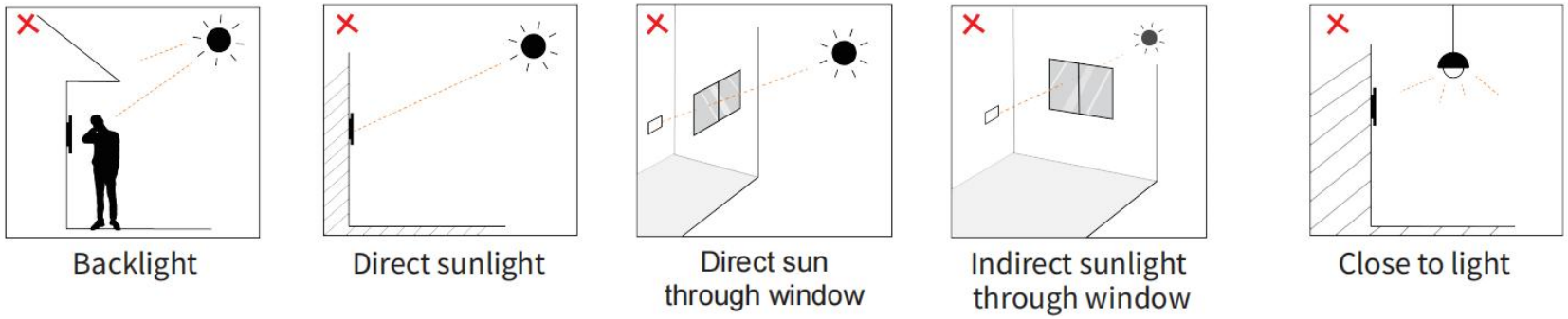
Please follow the properly wire data to install device:

Power Supply	24VDC 2.5A				
AWG	12	14	16	18	20
Resistance (ohm/km)	5.31	8.45	13.5	21.4	33.9
Cross-sectional Area (mm^2)	3.332	2.075	1.318	0.8107	0.5189
Wire Length (m)	≤40	≤30	≤20	≤10	≤5

Akuvox X915X

Requirements

1. Place the device away from sunlight and light sources to prevent potential damage.
2. Do not place the device in the high-temperature, and humid environments or in surroundings impacted by magnetic field.
3. Install the device on the flat surface securely to avoid personal injuries and property loss caused by device's falling.
4. Do not use or place the device near heating objects.
5. 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.



Akuvox X915X

Warning!

1. To ensure safety, avoid touching power cord, power adapter, and device with wet hands, bending or pulling the power cord, damaging any components, and use only qualified power adapter and power cord.

2. Be careful that standing up on the area under the device in case of personal injuries cause by hitting the device.

Caution

1. Do not knock device with hard objects.

2. Do not press down hard on the device screen.

3. Do not expose device to chemical products, such as alcohol, acid liquid, disinfectants, and so on.

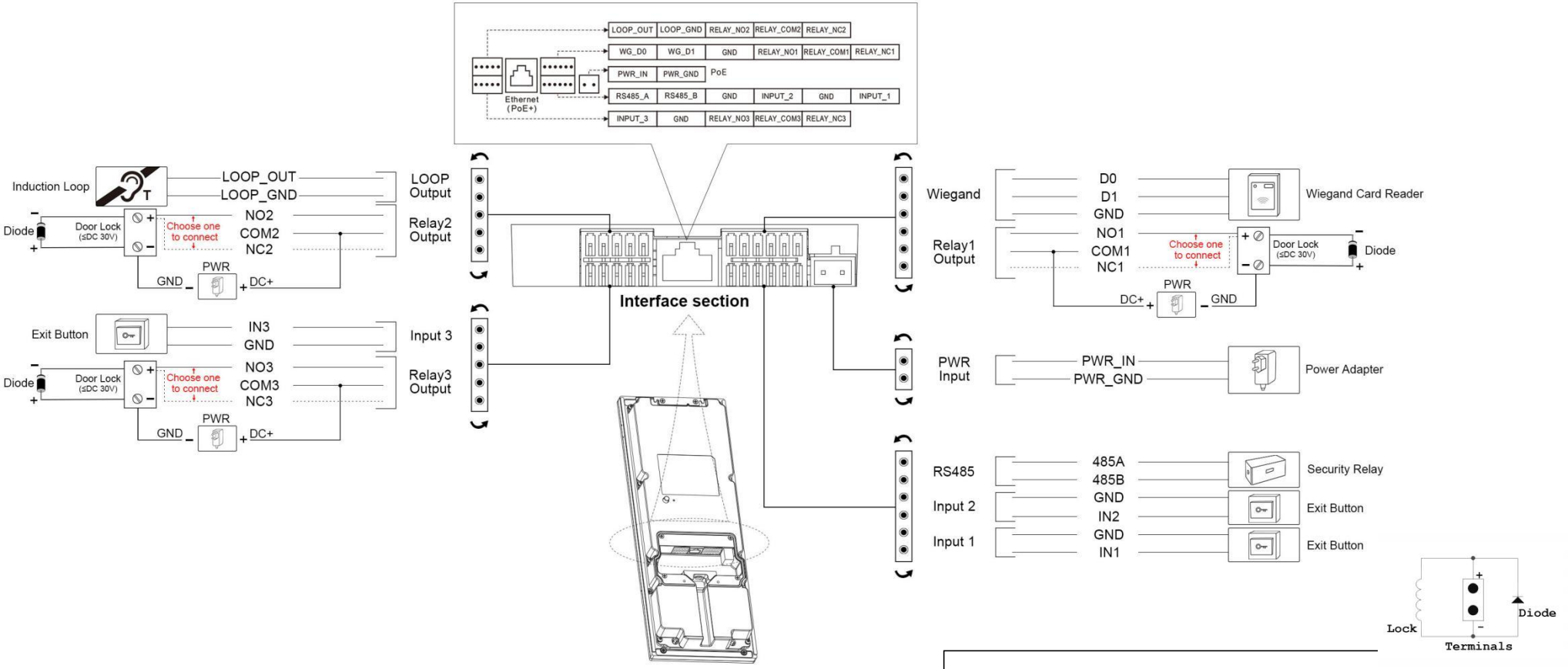
4. To prevent the device installation from becoming loose, ensure accurate diameters and depths of screw holes. If the screw holes are too large, use glue to secure the screws.

5. Use wet cloth clean device surface softly, and then wipe the surface with dry cloth for cleaning the device.

6. If there is abnormal situation of the device, including uncommon sound and smell, please power off the device and contact Akuvox Technical Team immediately.

Akuvox X915X

Wiring Interface

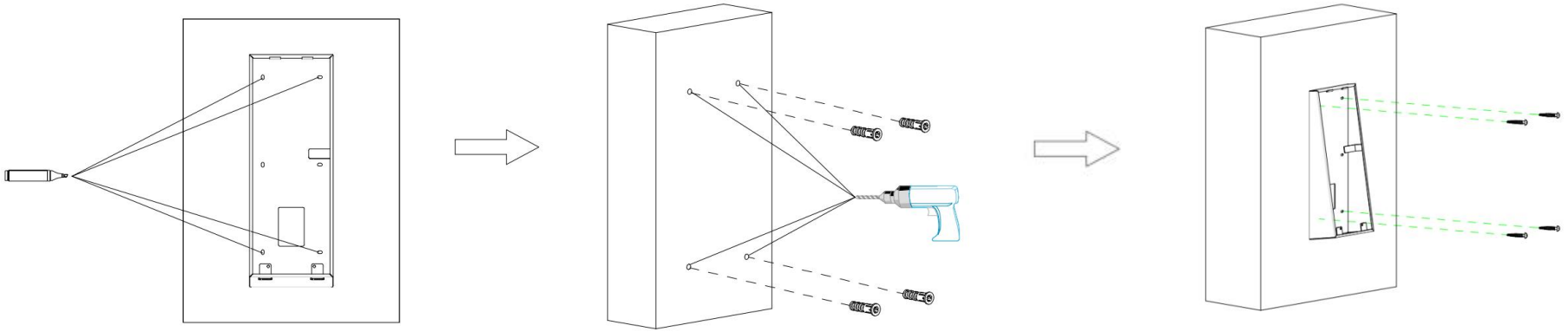


To protect the device from potential damage caused by over-voltage, it is recommended to wire a diode into the circuit. Connect the anode of the diode to the negative cable of the lock, and connect the cathode of the diode to the positive

Akuvox X915X

Installation

Step1: Bracket Installation



a. Position the **angle mounting bracket** closely against the wall, aligning it with the wire's location.

b. Mark the hole positions at the center of the four holes on the **wall-mounting box**.

a. Remove the box and use a 6mm hand drill to drill the four marked holes.

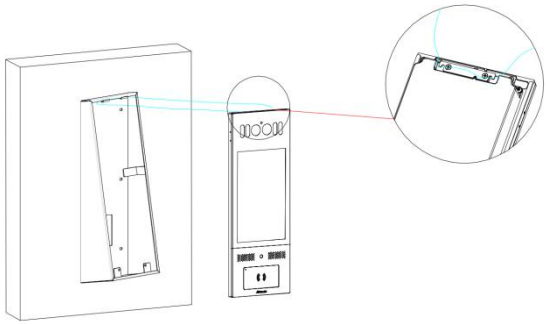
b. Insert four **plastic wall anchors** into the holes.

a. Align the **angle mounting box's** four holes with the corresponding drilled holes on the wall.

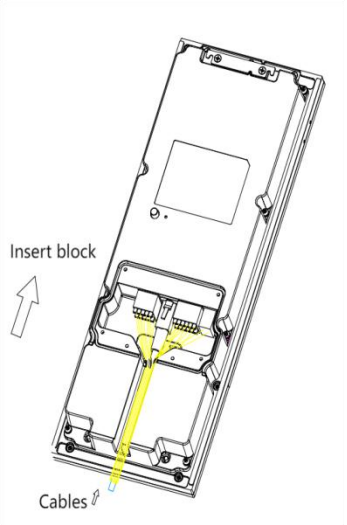
b. For fasten the wall-mounting box, tighten the four **ST4x20 crosshead screws** to the **plastic wall anchors**.

Akuvox X915X

Step2: Main Unit Installation

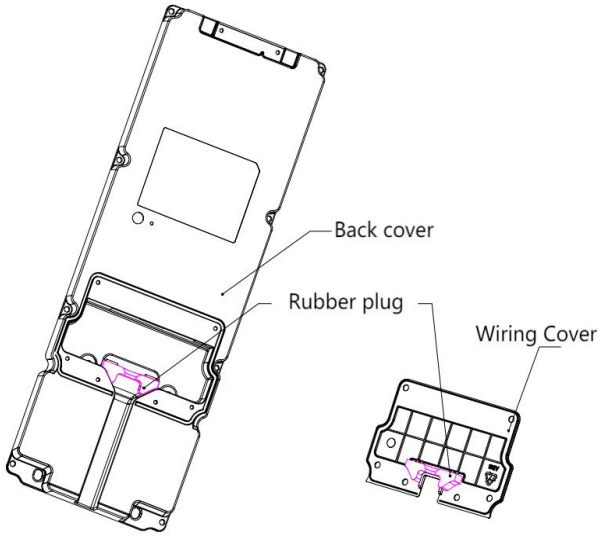


For easier installation, hang the device on the box using a **rope**.



a. Insert the **terminal blocks** into the corresponding interface of as indicated in the drawing.

b. Connect the wires to the **terminal blocks** as needed (for details, refer to "Wiring Interface").

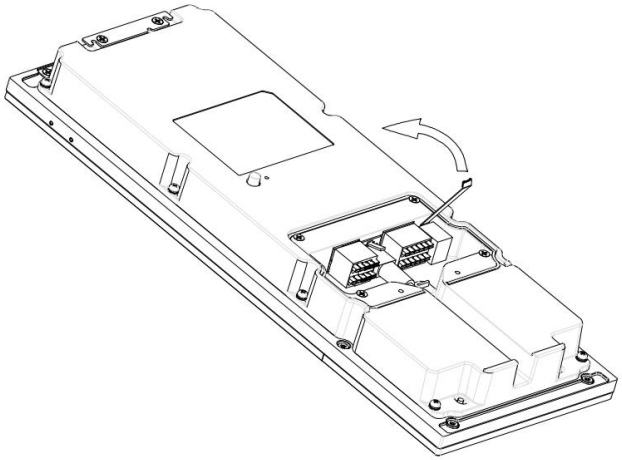


a. Select an appropriate **rubber plug** (small, medium, or large) to secure the wires.

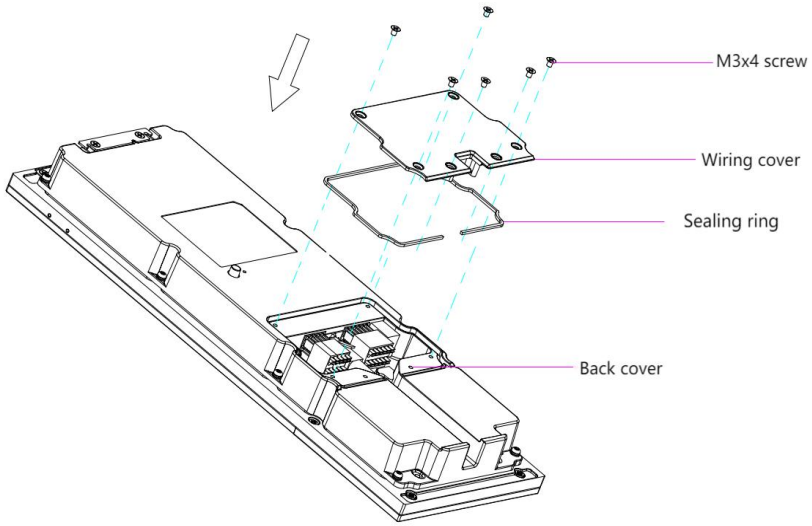
b. Remove the adhesive sticker from the chosen **rubber plug** and attach it to the device wiring hole.

c. Similarly, remove the adhesive sticker from another **rubber plug** of the same size and place it on the wiring cover.

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Please use the **pry bar attached** to unplug the terminal block if needed.

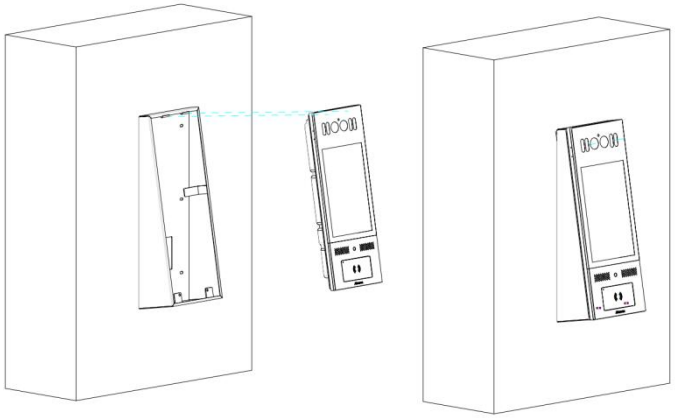


a. Press **sealing ring** and **wiring cover** into the corresponding groove.

b. Tighten the wiring cover with six **M3x4 crosshead screws**.

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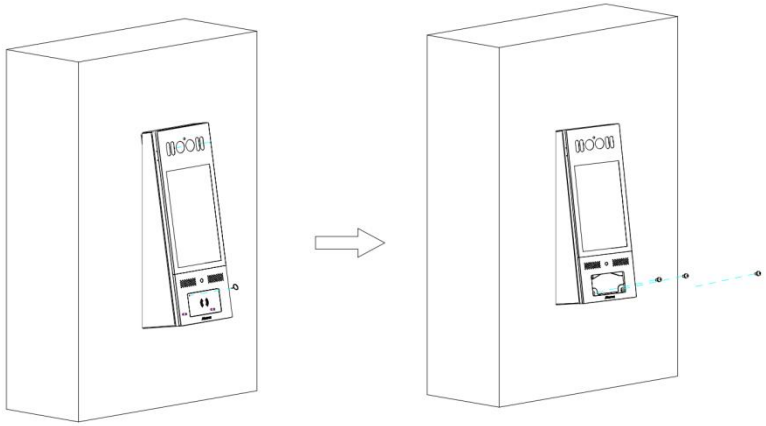
Step3: Device Mounting



a. Tilt device about 15 ˚ .

b. Hang the slot onto the back upper part of the main unit into the corresponding hooks of the angle mounting bracket.

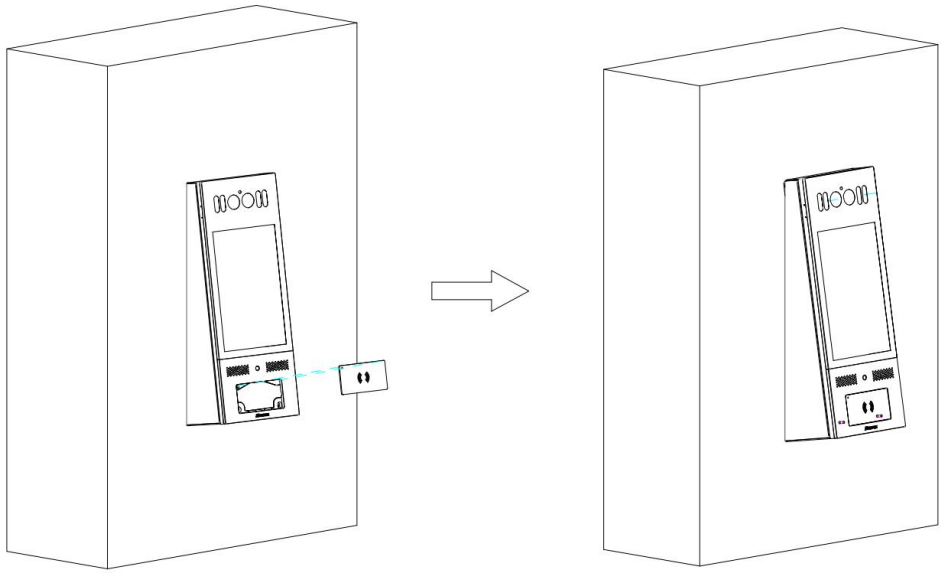
c. Gently lower the main unit into the angle mounting bracket.



a. Insert **plate removal key** into the small hole located at the upper left of the **card reader plate touch plate** to pull out it.

b. Fix two **M3x9.5 torx head screws** into the holes

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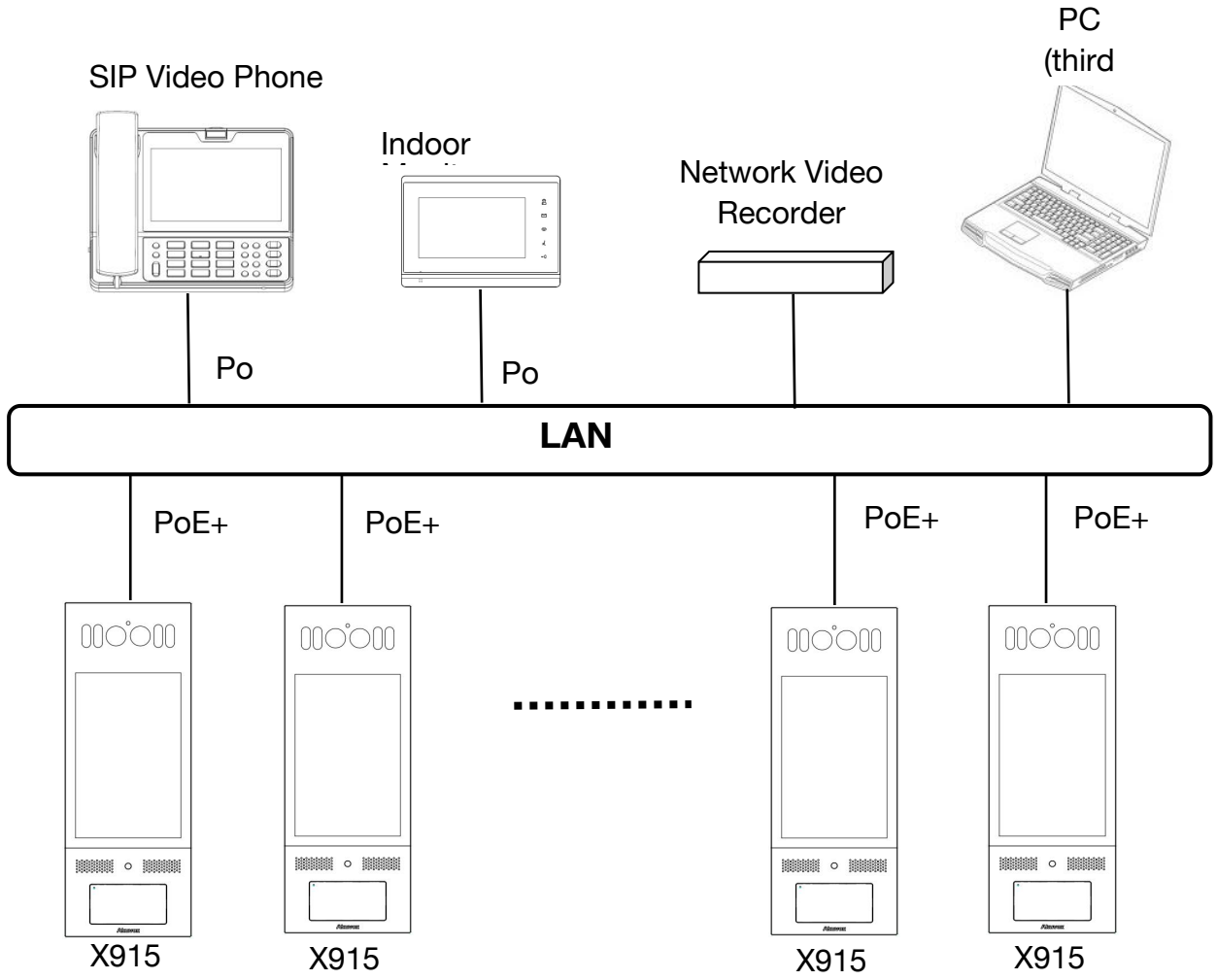


Press the **card reader touch plate** back into its original position, and the installation is done.

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Application

Network



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Device Test

Please verify the device status after installation:

1. **Network:** Press **Call** key, enter 9999, and tap **Call**. Then, type 3888 and tap **Confirm** to access settings page. Go to **Network settings** to check the device's IP address and network status. Network is working properly if the IP address is obtained.

2. **Intercom:** Tap **Call** key, enter the IP or SIP number and press **Dial** key to make a call. Or, tap APT number to call. The call configuration is correct if the call is successful.

3. **Access Control**：Use pre-configured PIN code, RF card, and face to unlock door.

Warranty

1. Akuvox warranty does not cover intentional mechanical damage or destruction caused by improper installation.

2. Do not attempt to modify, alternate, maintain, or repair device by yourself. Akuvox warranty does not apply to damages caused by anyone who is not representative of Akuvox or an Akuvox authorized service provider. Please contact Akuvox

Get Help

For help or more assistance, contact us at:

https://ticket.akuvox.com/

support@akuvox.com

Scan the QR code to get more videos, guides, and additional product formation.

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