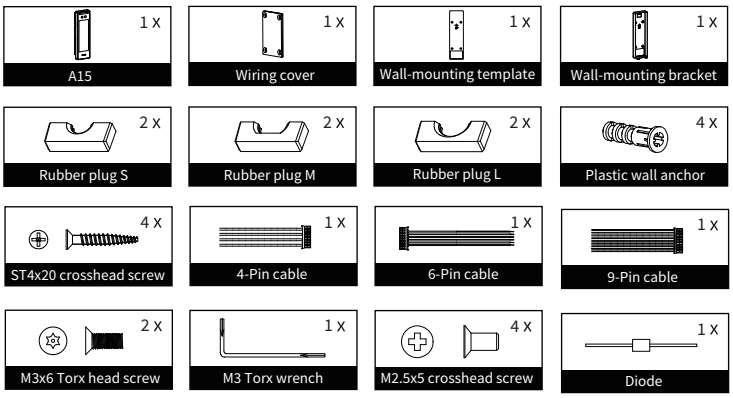
Akuvox
Open A Smart World

A15
Quick Guide

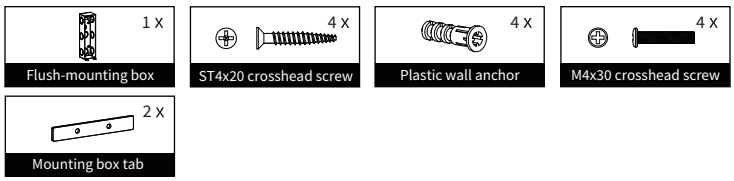
Unpacking

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

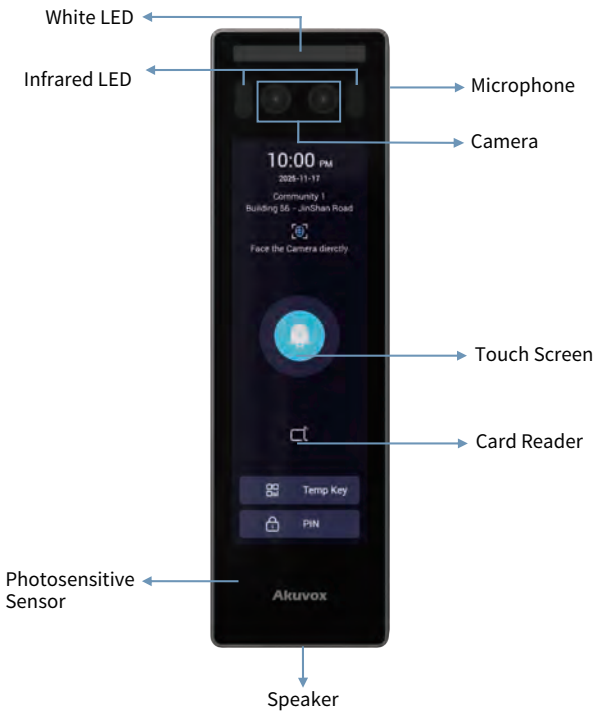


Optional Accessories:

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



Product Overview



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 12V DC/2A power adapter to power on device.

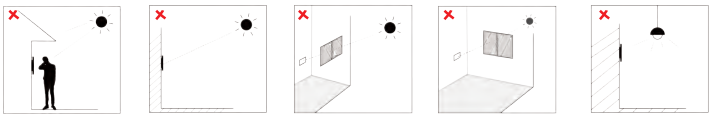
AWG Sizes and Properties Table

Please follow the properly wire data to install device:

Power Supply	12V DC/2A			
AWG	20	22	24	26
Resistance(ohm/km)	33.9	48.5	79.6	128
Cross-sectional Area(mm^2)	0.5189	0.3247	0.2047	0.1281
Wire Length(m)	⩽50	⩽40	⩽30	⩽15

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

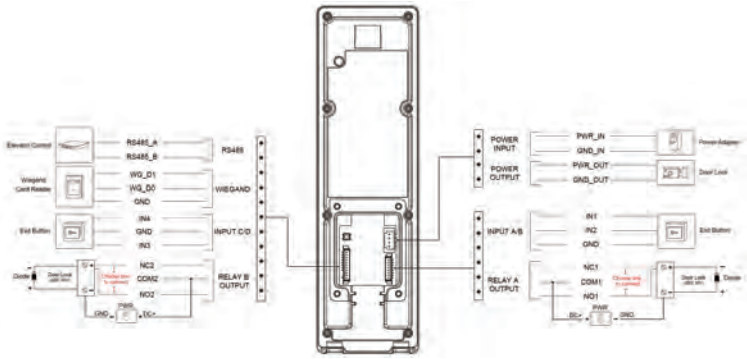
⚠ Warning!

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.

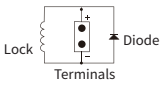
⚠ Caution

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



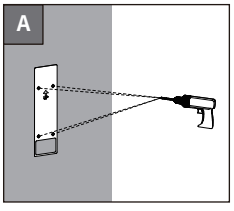
To protect the device from potential damage caused by over-voltage, it is recommended to wire a diode into the circuit. Connect the anode of the diode to the negative cable of the lock, and connect the cathode of the diode to the positive cabe of the lock.



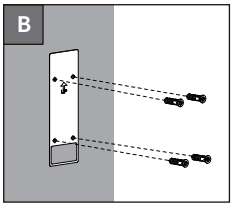
Installation

Step1: Wall-mounting or Flush-mounting Box Installation

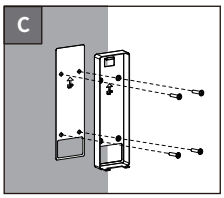
1. Wall-Mounting Box Installation



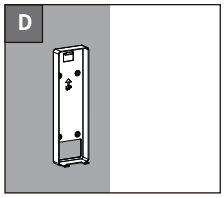
a. Align the cable outlet area of the wall-mounting template with the corresponding outlet position on the wall, and stick it down.
b. Use an electric drill to drill 4 holes at the marked mounting positions on the template (diameter: 6mm, depth: 20mm).



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

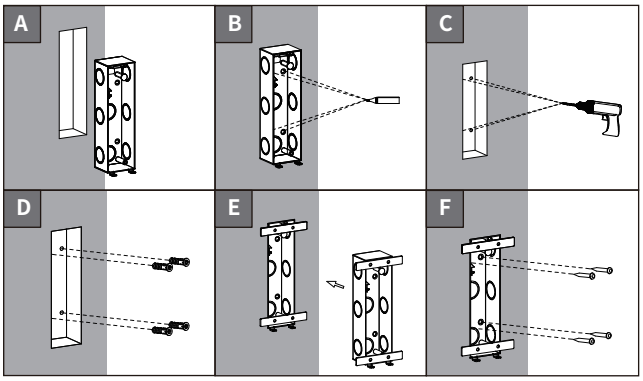


Tighten the four **ST4x20 crosshead screws** to the **plastic wall anchors** to fasten the **wall-mounting box** to the wall.

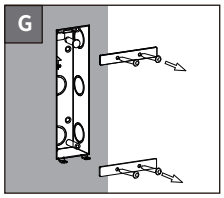


Wall-mounting installation is completed.

2. Flush-mounting Box Installation



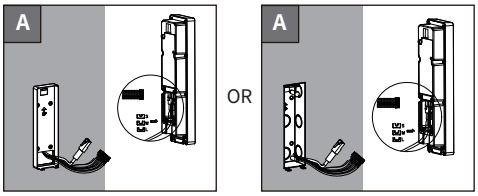
- Cut a square hole on the wall according to the wire position with the dimension 166*48*40mm (height*width*depth).
- ▪ Put the **flush-mounting box** into the hole, ensuring the flaps of box′ s side are attached to the wall.
  ▪ Mark the box′ s four holes on the wall, ensuring the mark is at the center of each hole.
- ▪ Take down the **flush-mounting box**.
  ▪ Use a 6 mm hand drill to drill the four holes(diameter: 6mm, depth: 20mm).
- Insert four **plastic wall anchors** into the screw holes.
- ▪ Secure the two **mounting box tabs** onto the corresponding positions of the flush mounting box using two **M4x30 crosshead screws**.
  ▪ Knock out the corresponding knockout holes on the flush mounting box, and lead the cables through the box.
  ▪ Place the flush mounting box into the square hole, ensuring that the mounting box tabs fit flush against the wall surface.
- ▪ Use four **ST4x20 crosshead screws** to fix flush-mounting box onto wall.
  ▪ Fill the gaps between the flush mounting box and the wall using the same material as the wall surface.



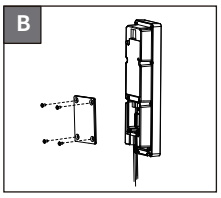
- ▪ Unscrew the M4x30 crosshead screws to remove the two **mounting box tabs**.
- ▪ Verify that all edges (top, bottom, left, and right) of the flush mounting box fit flush with the wall. The flush-mounting box installation is now complete.

Step2: Main Unit Installation

Wall-mounting Installation Flush-mounting Installation



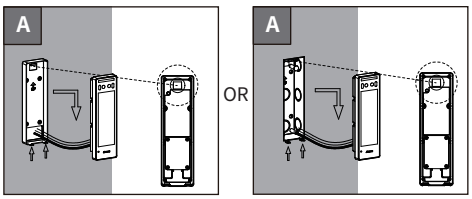
a. Select the appropriate **rubber plug** based on your requirements.
b. Insert the network cable into the corresponding interface. Connect other wires to **4/6/9-Pin cables** as needed.
c. Route all cables through the slots in the rubber plug.



Fasten the wiring cover with four **M2.5x5 crosshead screws**.

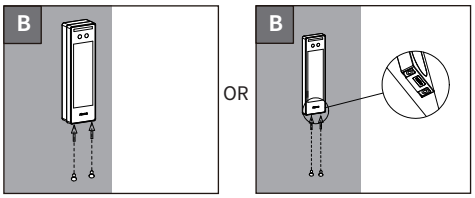
Step3: Device Mounting

Wall-mounting Installation Flush-mounting Installation



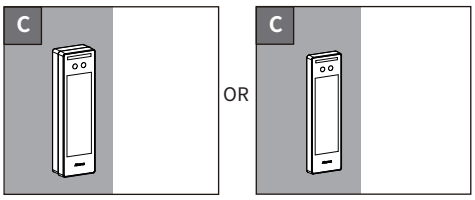
a. Align the upper hooks of the rear cover with the upper hanger on the mounting box.
b. Align the lower slots with the lower hooks on the box.
c. Ensure that the two tabs on the mounting box fit tightly against the slots at the bottom of the main unit.

Wall-mounting Installation Flush-mounting Installation



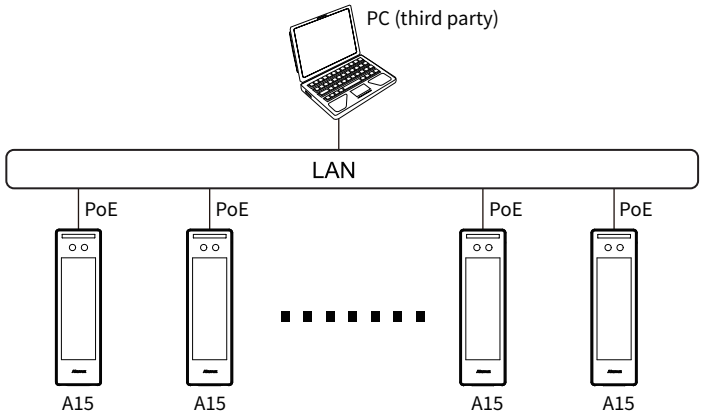
Use M3 Torx wrench to fix two **M3x6 Torx head screws** into holes under the main unit.

Wall-mounting Installation Flush-mounting Installation



The installation is completed after checking gap around the device is even, the connection is secure, and the device can be powered on.

Application Network Topology



Device Test

Please verify the device status after installation:

1. **Network:** Long press any where on the initial screen for approximately five seconds to PIN screen, enter the pre-configured password and and go to System Info screen. Press **Network** to check the device IP address. Network is working properly if the IP address is obtained.
2. **Intercom:** Press **Bell icon** make a voice 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.

NOTICE:
Quick guide can be viewed on Global Visions website.

Global Visions

GLOBAL VISIONS INC.
877-725-8869
www.globalvisionsinc.com