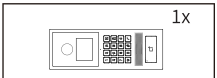
Akuvox Smart Intercom

S532
Quick Installation Guide

Unpacking

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


1x
S532


1x
Wiring cover


2x
M3x9.5 torx head screw


4x
M3x5 crosshead screw


1x
Flat-head screwdriver


1x
Rubber plug (large)


1x
Rubber plug (medium)

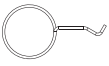

1x
Rubber plug (small)


1x
Card reader touch plate


1x
T10 wrench


2x
8-PIN terminal block

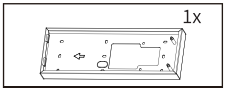

2x
7-PIN terminal block

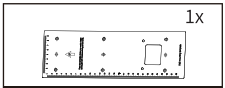

1x
Plate removal key

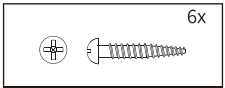

2x
Diode

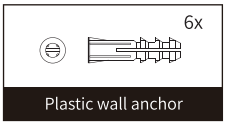
Optional Accessories:

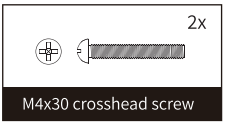
Wall-mounting Accessories (Please find in On-Wall Installation Kit box):



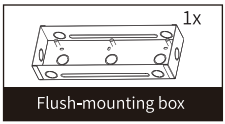


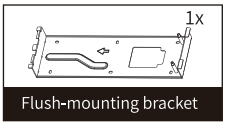


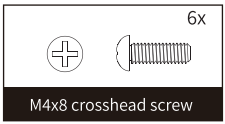


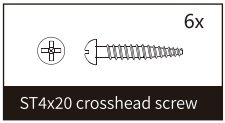


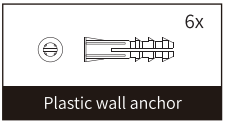
Flush-mounting Accessories (Please find in In-Wall Installation Kit box)











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 12VDC 2A power adapter to power on device.

AWG Sizes and Properties Table

IPlease follow the properly wire data to install device:

Power Supply	12VDC 2A			
AWG	20	22	24	26
Resistance (ohm/km)	33.9	48.5	79.6	12.8
Cross-sectional Area (mm^2)	0.5189	0.3247	0.2047	0.1281
Wire Length (m)	⩽30	⩽20	⩽15	\
Wire Length (m) (be external power supply)	⩽20	⩽15	⩽10	\

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.

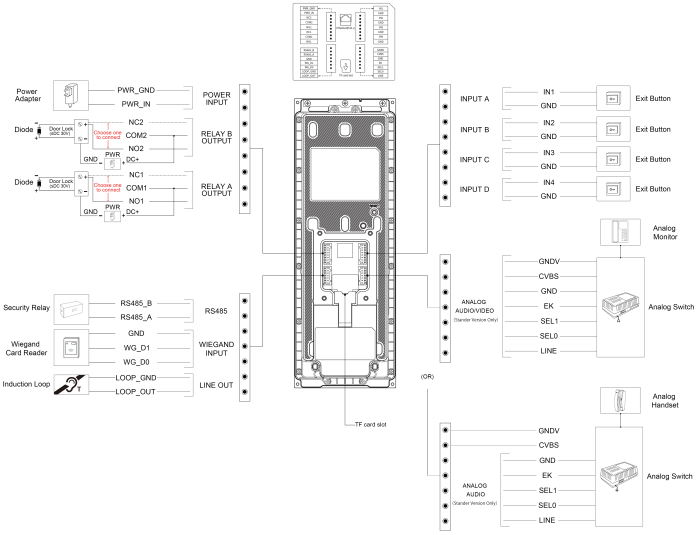
5.Use wet cloth clean device surface softly, and then wipe the surface with dry cloth for cleaning the device.

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

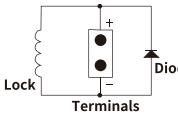
Akuvox Smart Intercom

S532
Quick Installation Guide

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.

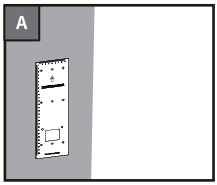


YS53200000

Installation

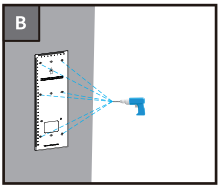
Step1: Wall-mounting Box or Flush-mounting Box Installation

1.Wall Mounting

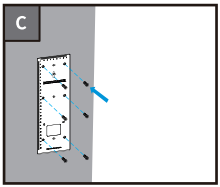


According to the position of the cables on the wall, stick the **wall-mounting template** vertically. Make sure that the cables pass through the cable hole of template.

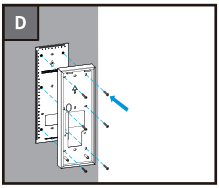
Note:
If you have installed embedded box previously, please align the screw holes of embedded box with the template.



Use a 6mm electric drill to make six screw holes in the locations indicated on the wall-mounting template, each with a depth of 25mm.



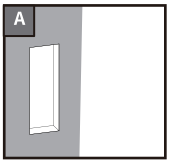
Insert six **plastic wall anchors** into the holes.



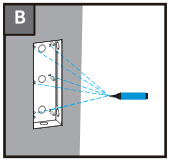
a. Use six **ST4X20 crosshead screws** to secure the wall-mounting box directly to the wall.
b. Or, if you have an embedded box, fasten four **ST4X20 crosshead screws** to the wall and attach two **M4X30 crosshead screws** to the embedded box to secure the wall-mounting box.

2.Flush Mounting

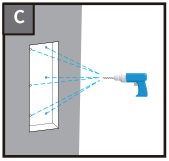
2.1 Normal Installation



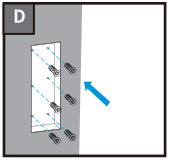
a. According to the position of the cables on the wall, cut out a square hole on the wall with the dimension 289*98*52.5mm (height*width*depth).
b. Route all cables outward or reserve a cable tube.



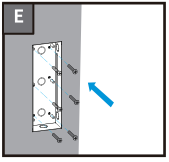
a. Break out the round wiring holes and lead wires go through the holes.
b. Insert **flush-mounting box** into the square hole.
c. Mark six screw holes positions of box.



Remove the box and use a 6mm electric drill to drill the six holes with depth of 25mm.

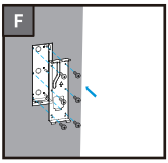


Insert six **plastic wall anchors** into holes.



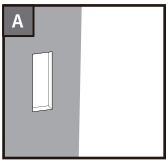
a. Place **flush-mounting box** into the square hole, and lead cables out the cable holes of box.
b. Use six **ST4X20 crosshead screws** to attach the **flush-mounting box** to wall.

Note:
The flush-mounting box is not positioned higher than wall and its tilt angle of box does exceed than 2°.

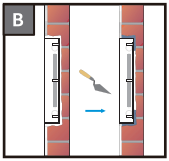


Use six **M4x8 crosshead screws** to fix the **flush-mounting bracket** on the box.

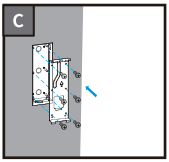
2.2 Simple Installation (with lower resistance of vandalism)



a. According to the position of the cables on the wall, cut out a square hole on the wall with the dimension 289*98*52.5mm (height*width*depth).
b. Route all cables outward or reserve a cable tube.

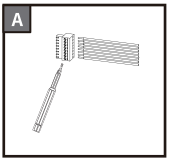


a. Fill the gap between the wall and the **flush-mounting box** with cement or non-corrosive adhesive.
b. Brush the outer surface of the gap with the same decorative materials as the surrounding walls.
c. Wait for the cement to dry before proceeding to the next step.



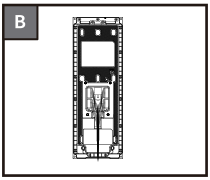
Use six **M4x8 crosshead screws** to fix the **flush-mounting bracket** on the box.

Step2: Main Unit Installation

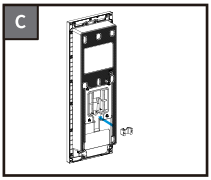


Connect the wires to the **terminal blocks** with **flathead screwdriver** as needed (for details, refer to "Wiring Interface").

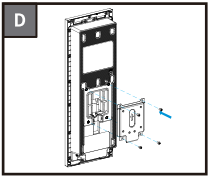
Note:
Strip the wires by removing the plastic sheathing, and make sure the exposed wire ends measure approximately 4-7 mm in length.



Insert **terminal blocks**, **Ethernet cable**, and **Micro SD Card** to the corresponding interface of device.



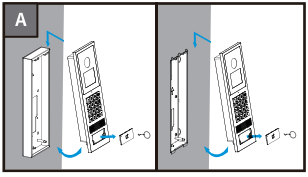
Select and press an appropriate **rubber plug** into the corresponding groove of device.



Organize cables and use four **M3x5 crosshead screws** to secure wiring cover to the device.

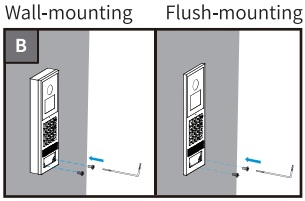
Step3: Device Mounting

Wall-mounting Flush-mounting

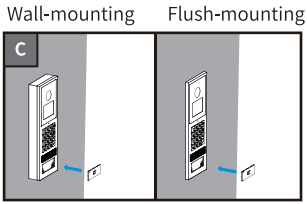


a. Insert **plate removal key** into the small hole of the **card reader touch plate** to pull out it.

b. Hang the slots on the back upper part of the device into the corresponding hooks of the mounting box. Snap the device into place and press it down.

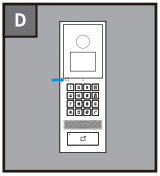


Fix two **M3x9.5 torx head screws** into the holes.



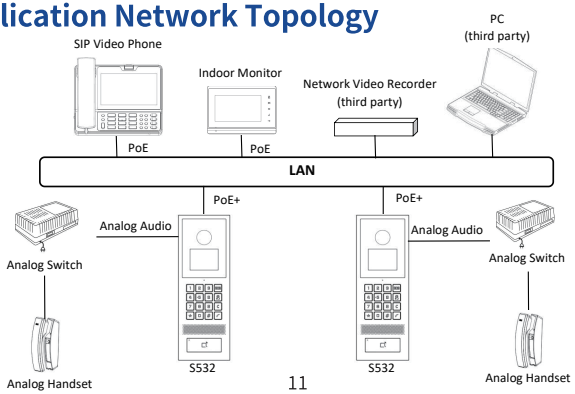
Press the **card reader touch plate** back into its original position.

Note: Check the orientation of the card reader touch plate to avoid installing it in the wrong direction.



Installation is completed, please remove the protective film.

Application Network Topology



Device Test

Please verify the device status after installation:

1. **Network:** Press ***2396#** to access settings page. Then press **1** to check the device's IP address and network status on **System Information** page. Network is working properly if the IP address is obtained.
2. **Intercom:** Dial the IP or SIP number and press **Dial** key to make a call. Or, press APT number to call. The call configuration is correct if the call is successful.
3. **Access Control:** Use pre-configured PIN code and RF card 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 .

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

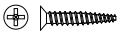
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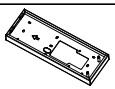
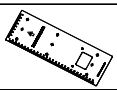
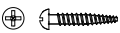
S532 Information Module Quick Guide

Unpacking

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

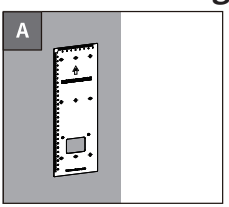
 1 X S532 information Module	 3 X Waterproof label paper	 2 X M3X9.5 Torx head screw
 2 X Flush-Mounting rubber plug	 2 X Wall-Mounting rubber plug	 2 X Plastic wall anchor
 1 X T10 wrench	 2 X ST4X20 crosshead screw	 1 X Pry bar

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

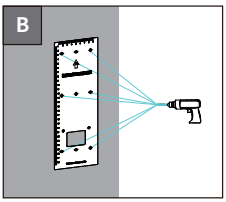
 1 X Wall-Mounting box	 1 X Wall-Mounting template	 6 X ST4X20 crosshead screw
 6 X Plastic wall anchor	 2 X M4X30 crosshead screw	

Installation

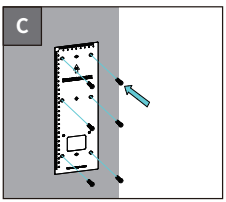
Wall-Mounting Installation



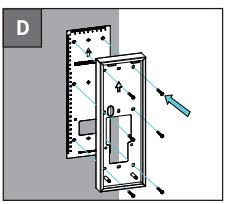
According to the position of the cables on the wall, stick the **wall-mounting template** vertically.



Use a 6mm electric drill to make six screw holes in the locations indicated on the wall-mounting template, each with a depth of 25mm.

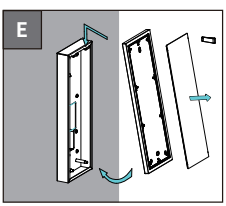


Insert six **plastic wall anchors** into the holes.



a. Use six **ST4X20 crosshead screw** to secure the wall-mounting box directly to the wall.

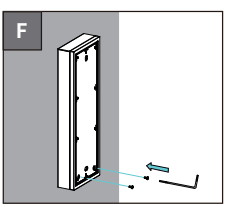
b. Or, if you have an embedded box, fasten four **ST4X20 crosshead screws** to the wall and attach two **M4X30 crosshead screws** to the embedded box to secure the wall-mounting box.



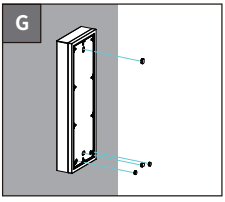
a. Take out the **S532 information Module** and use **pry bar** to remove the front cover.

b. Hold the main unit at a slight tilt (with the bottom slightly outward) and gently slide the upper hooks of the unit into the top hooks of the wall-mounting box.

c. Move the bottom of the main unit backward until it fully aligns with the wall-mounting box.

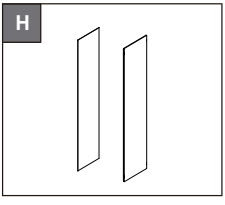


Fix to **M3X9.5 Torx head screws** into the holes.

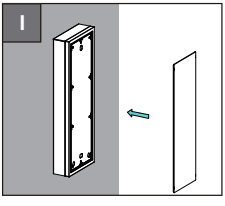


a. Use **two wall-mounting rubber plugs** to seal the bottom two holes.

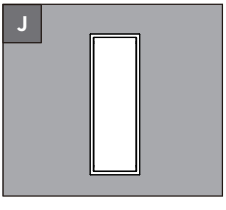
b. Use **flush-mounting rubber plugs** to seal the top two holes.



Place the pre-prepared **label paper** flat on the inner side of the front cover.

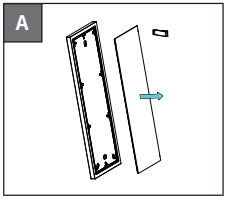


Replace the front cover to the **S532 information Module** to complete the installation.

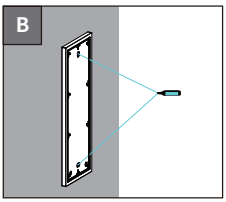


The installation is done.

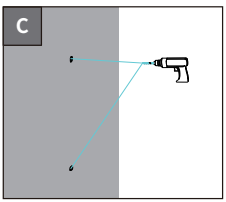
Flush-Mounting Installation



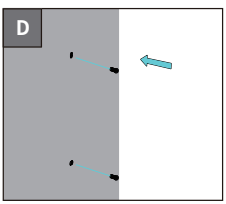
Take out the **S532 information Module** and use **pry bar** to remove the front cover.



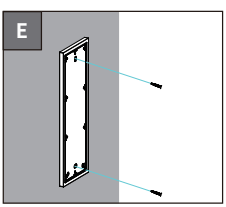
Place the **S532 information Module** at the installation location and mark the fixing hole positions with a marker.



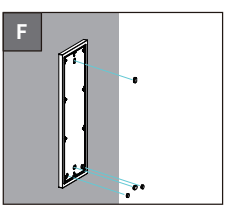
Remove the box and use a 6mm electric drill the two holes with depth of 25mm.



Insert two **plastic wall nachors** into holes.

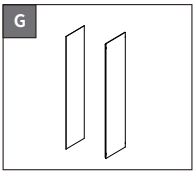


Use two **ST4X20 crosshead screws** to attach the **S532 information Module**.

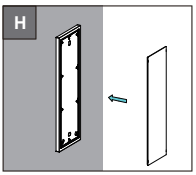


a. Use **two wall-mounting rubber plugs** to seal the bottom two holes.

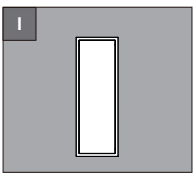
b. Use **flush-mounting rubber plugs** to seal the top two holes.



Place the pre-prepared **label paper** flat on the inner side of the front cover.



Replace the front cover to the **S532 information Module** to complete the installation.



The installation is done.

Warranty

1. Akuvox warranty does not cover intentional mechanl 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 anvone who is not representative of Akuvox or an Akuvox authorize service provider. Please contact Akuvox Technical Team if the device need to be repaired.

Get Help

For help or more assistance, contact us at:

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support@akuvox.com

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