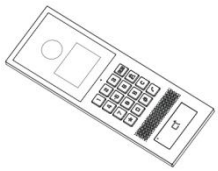


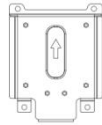
Installation Guide

Unpacking

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



S532 x1



Wiring cover x 1



M3x9.5 torx head screw x 2



M3x5 crosshead screw x 4



Flat-head screwdriver x 1



Rubber plug (large) x1



Rubber plug (medium) x1



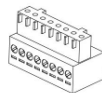
Rubber plug (small) x1



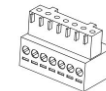
Card reader touch plate x 1



T10 wrench x 1



8-PIN terminal block x 2



7-PIN terminal block x 2



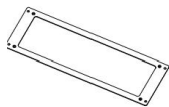
Plate removal key x 1



Diode x 2

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Plasterboard mounting Accessories (Please find in Plasterboard Installation Kit box):



Decorative metal frame x 1



M3x6 crosshead screw x 4



ST4x20 Torx screw x 4



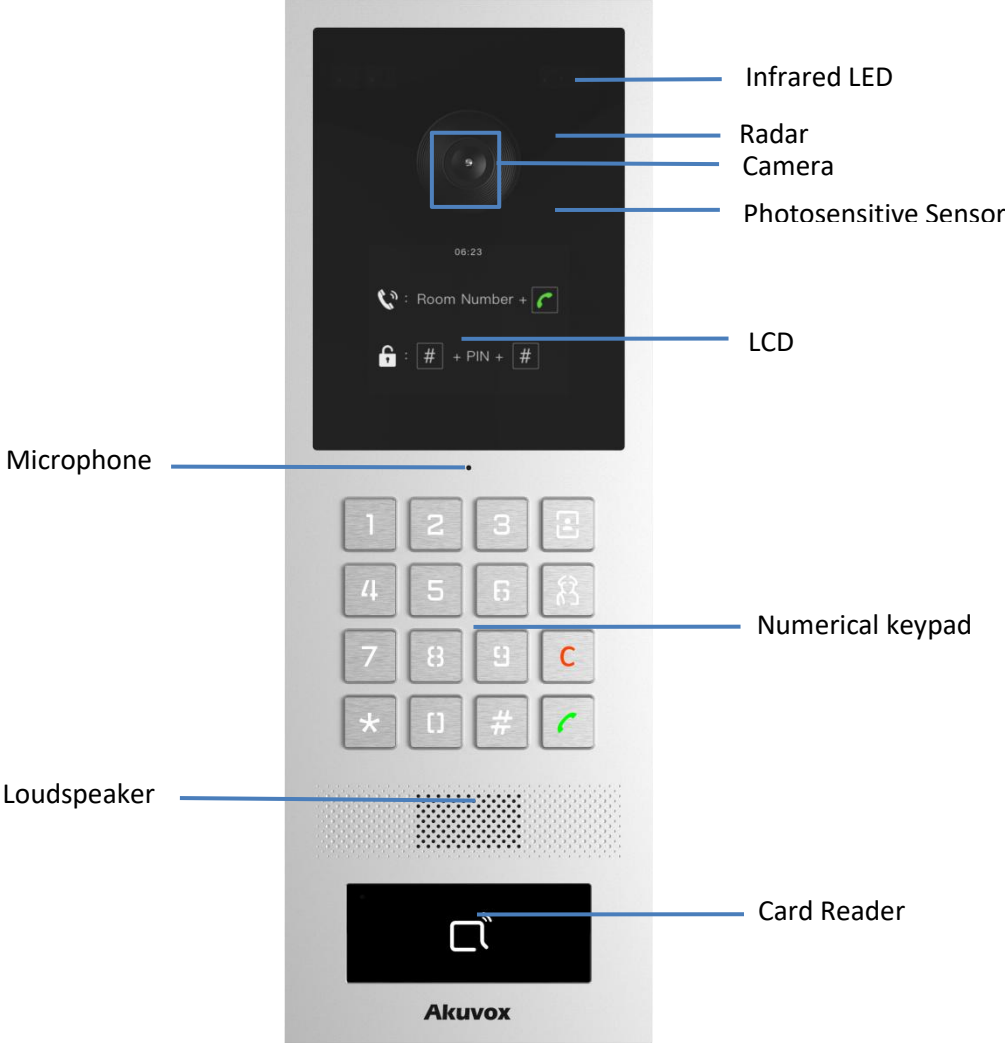
Plastic wall anchor x 4



T20 Torx wrench x 1

Akuvox S532

Product Overview



Akuvox S532

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

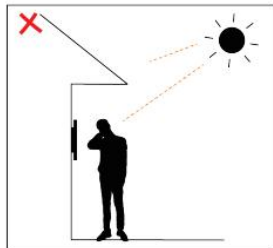
Please follow the properly wire data to install device:

Power Supply	12VDC 2A			
AWG	20	22	24	26
Resistance (ohm/km)	33.9	48.5	79.6	128
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	\

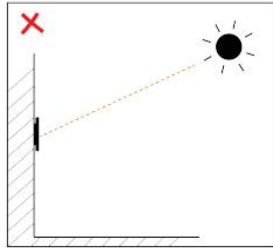
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Requirements

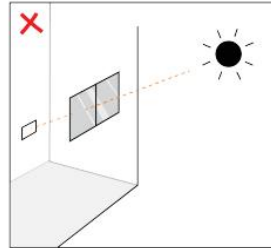
1. Place the device away from sunlight and light sources to prevent potential damage.
2. Do not place the device in the high-temperature, and humid environments or in surroundings impacted by magnetic field.
3. Install the device on the flat surface securely to avoid personal injuries and property loss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



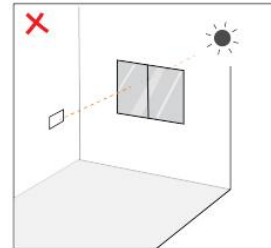
Backlight



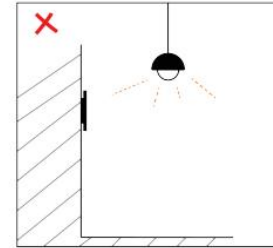
Direct sunlight



Direct sun
through window



Indirect sunlight
through window



Close to light

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Warning!

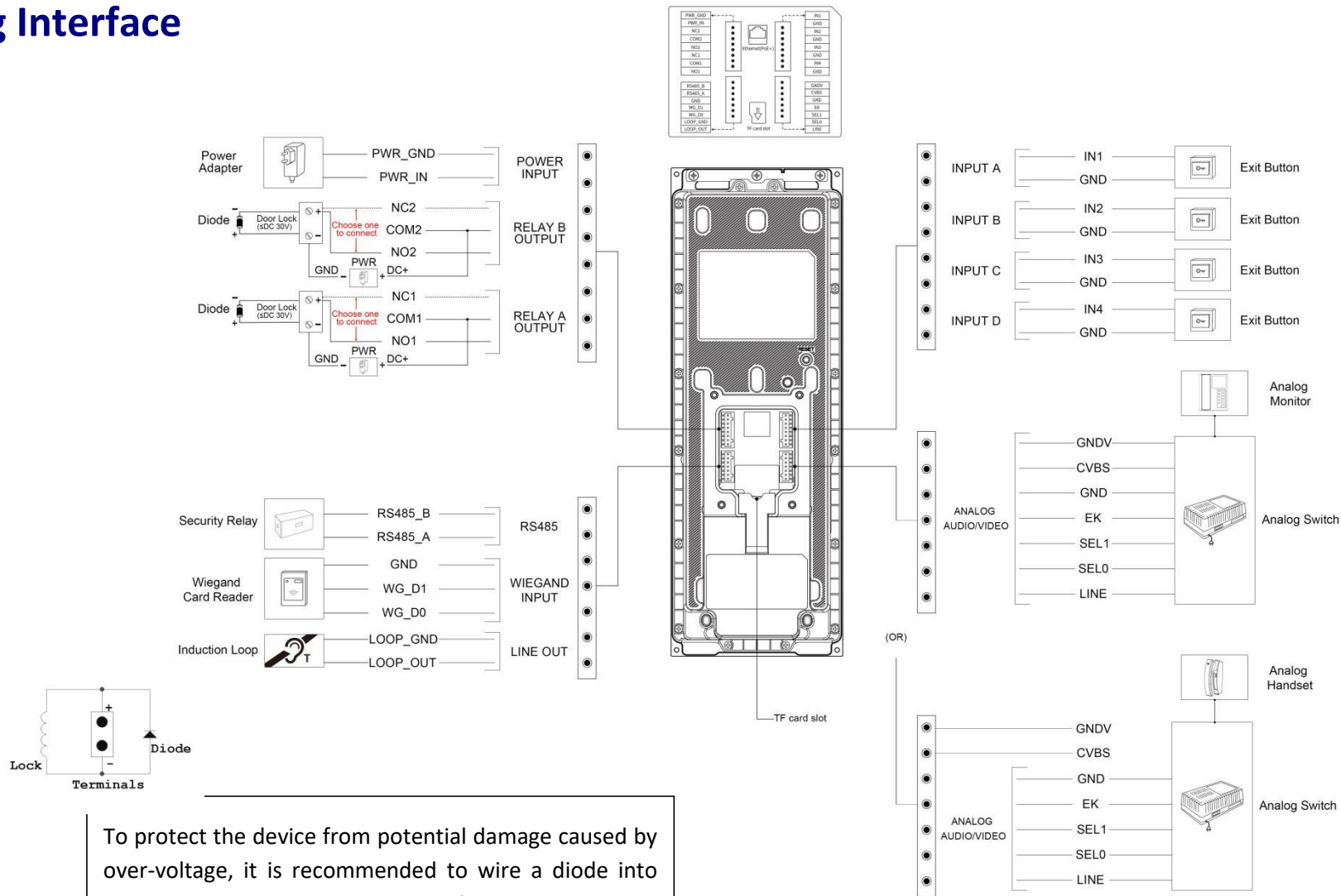
1. To ensure safety, avoid touching power cord, power adapter, and device with wet hands, bending or pulling the power cord, damaging any components, and use only qualified power adapter and power cord.
2. Be careful that standing up on the area under the device in case of personal injuries cause by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

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Wiring Interface

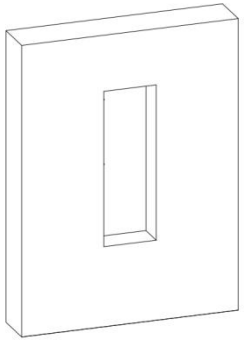


To protect the device from potential damage caused by over-voltage, it is recommended to wire a diode into the circuit. Connect the anode of the diode to the negative cable of the lock, and connect the cathode of the diode to the positive cable of the lock.

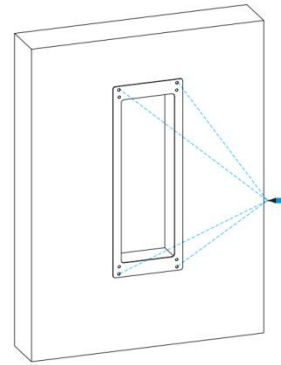
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Installation

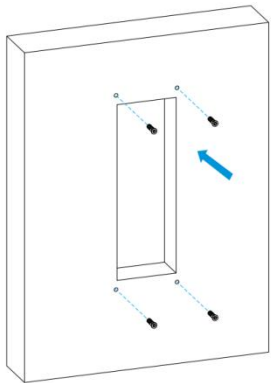
Step1: Preparation



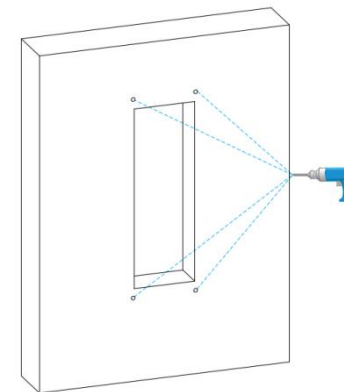
- According to the position of the cables on the wall, cut out a square hole on the wall with the dimension 289*98*32mm (height*width*depth).
- Route all cables outward or reserve a cable tube.



- Place the **decorative metal frame** against the wall, aligning the center of hole with the wall opening.
- Mark four screw holes positions of box.



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

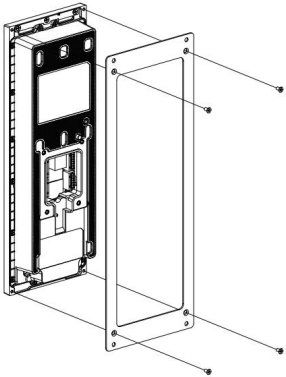


Remove the frame and use a 6mm electric drill to drill the four holes with depth of 25mm.

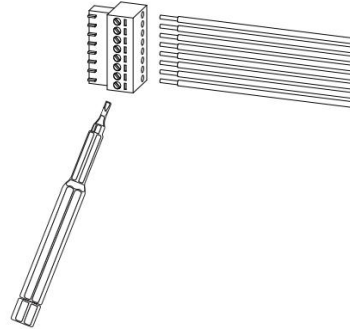


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Step2: Main Unit Installation



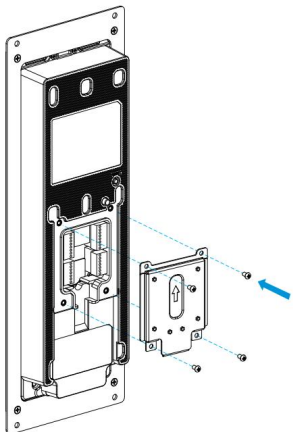
Use four **M3x6 crosshead screws** to fix the decorative metal frame onto the device.



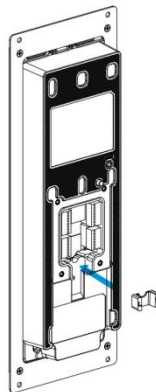
Connect the wires to the **terminal blocks** with **flat-head screwdriver** as needed (for details, refer to "Wiring Interface").

Note:

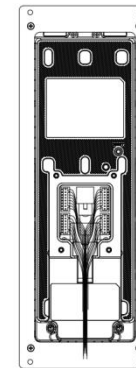
Strip the wires by removing the plastic sheathing, and make sure the exposed wire ends measure approximately 4-7 mm in length.



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



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

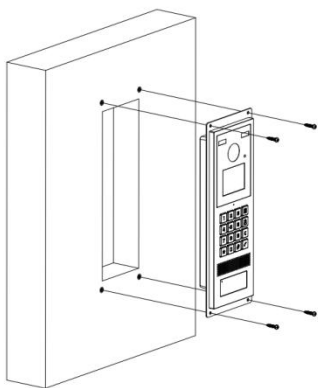


Insert **terminal blocks**, **Ethernet cable**, and **Micro SD Card** to the corresponding interface of device.

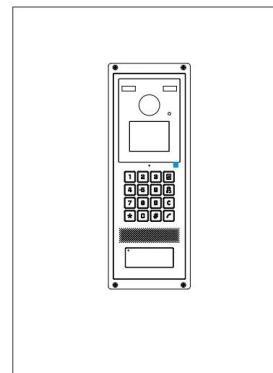


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Step3: Device Mounting



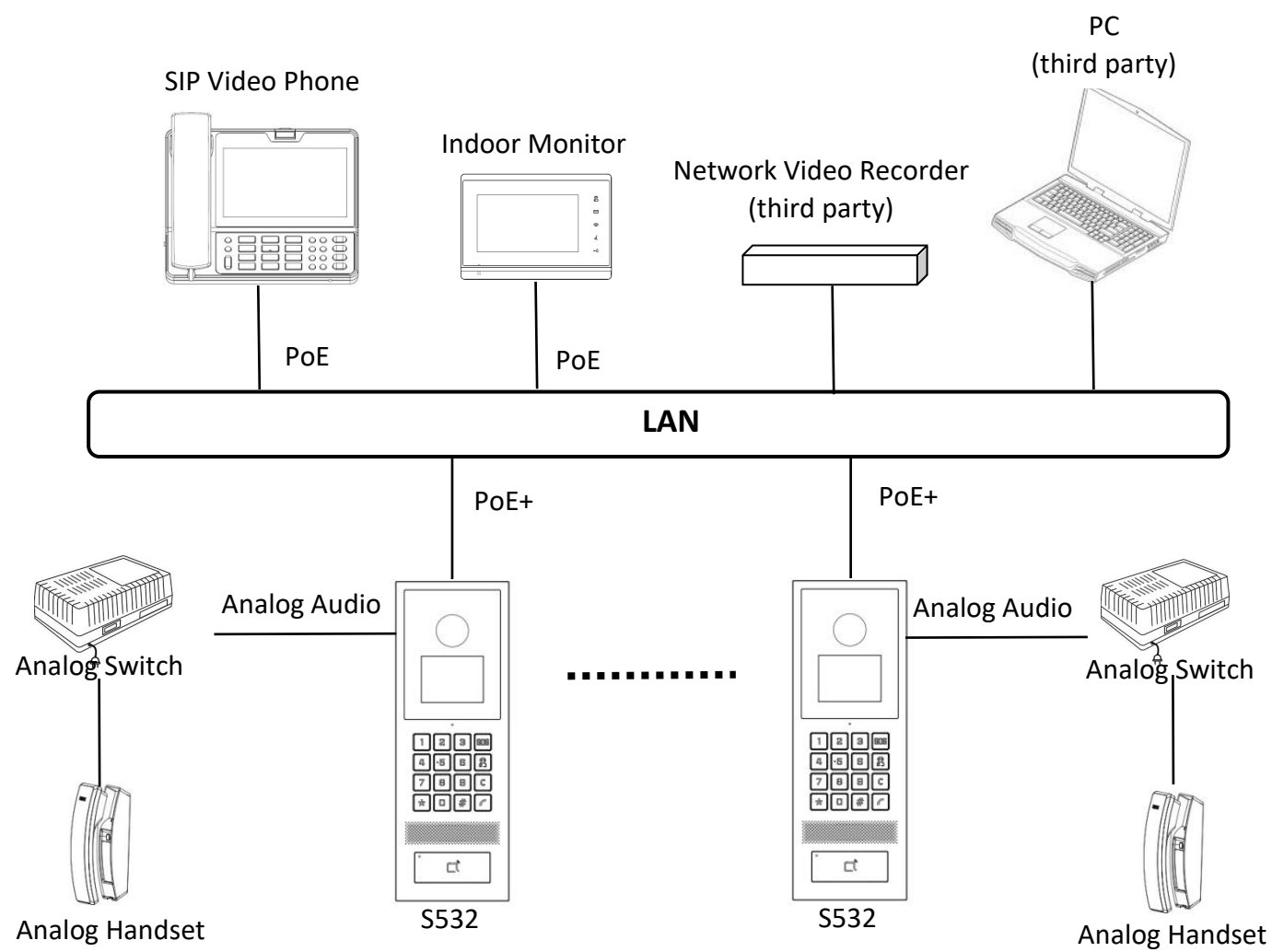
Use four **ST4x20 Torx screws** to fix the main unit onto the wall.



Installation is completed,
please remove the protective
film.

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Application Network Topology



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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, 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 formation.



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