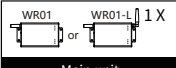
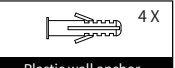
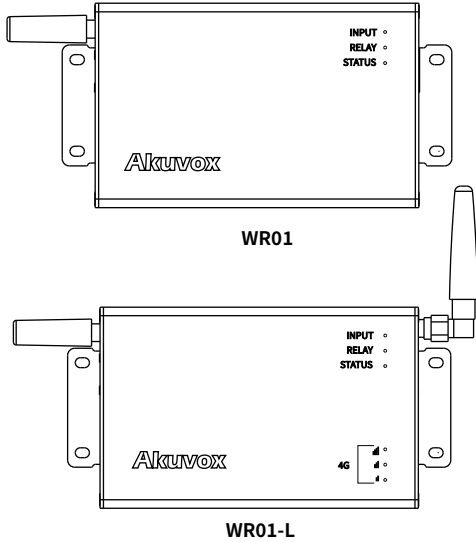


Unpacking

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

 1 X	 4 X	 4 X	 1 X
 2 X	 1 X	 1 X	

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 1A/24VDC 0.5A power adapter to power on device.

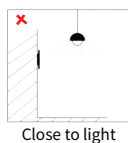
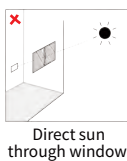
AWG Sizes and Properties Table

Please follow the properly wire data to install device:

Power Supply	12VDC 1A/24VDC 0.5A		
AWG	16	18	20
Resistance(ohm/km)	13.5	21.4	33.9
Cross-sectional Area(mm ²)	1.318	0.8107	0.5189
Length(m)	≤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.



Warning!

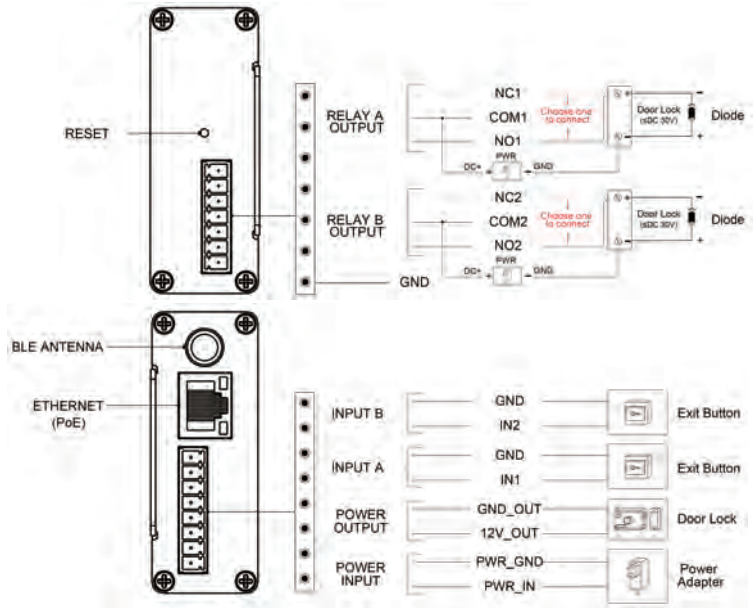
1. To ensure safety, avoid touching power cord, power adapter, and device with wet hands, bending or pulling the power cord, damaging any components, and use only qualified power adapter and power cord.
2. Be careful that standing up on the area under the device in case of personal injuries caused by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

Caution

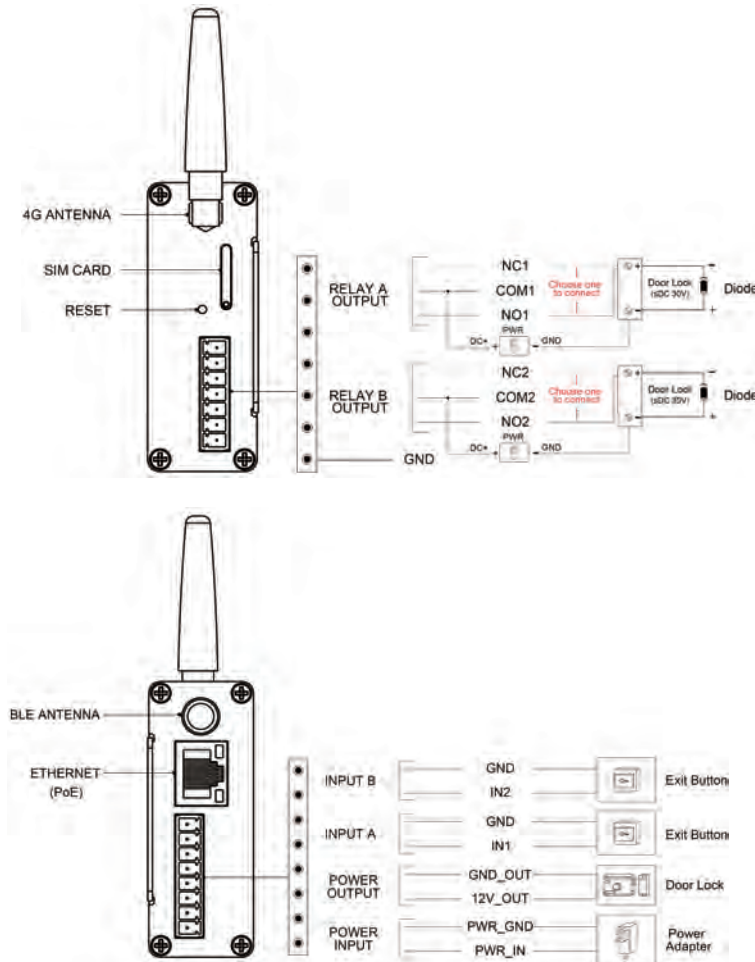
1. Do not knock device with hard objects.
2. Do not expose device to chemical products, such as alcohol, acid liquid, disinfectants, and so on.
3. To prevent the device installation from becoming loose, ensure accurate diameters and depths of screw holes. If the screw holes are too large, use glue to secure the screws.
4. Use wet cloth clean device surface softly, and then wipe the surface with dry cloth for cleaning the device.
5. 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

WR01

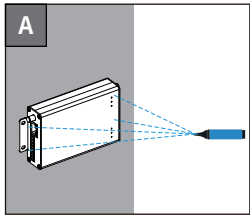


WR01-L

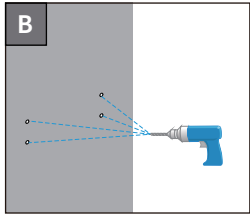


Installation

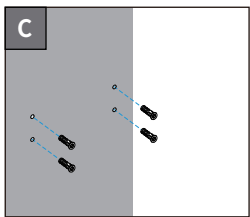
Wall-mounting Bracket Installation



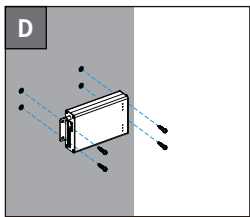
Place the device at the intended installation position on the wall, and mark the locations of the mounting holes using a marker.



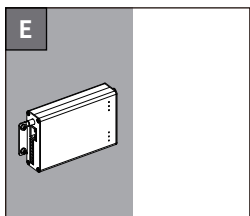
a. Drill holes at the marked positions.
b. Use a 5mm diameter drill bit, ensuring a hole depth of no less than 20mm.



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

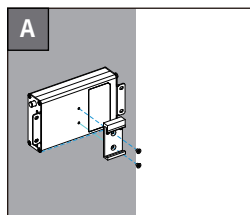


Secure the device using the four **ST3x20 crosshead screws**.



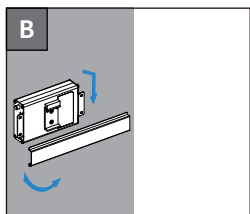
Wall-mounting installation is complete.

C45 DIN Rail-mounting Installation

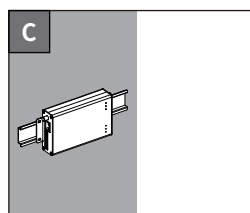


Secure the **DIN rail mounting clip** to the back of the device using two **M3x4 crosshead screws**.

Note: This step must be performed manually. Please do not overtighten, as excessive force may strip the screw holes.

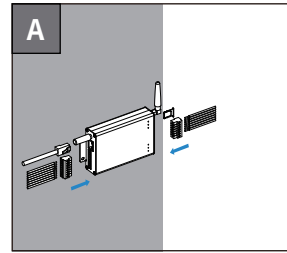


a. Align the upper part of the mounting clip with the top of the securely fixed DIN rail, and slide it downward into the rail.
b. Push the bottom of the mounting clip toward the rail until it snaps into place.



Rail installation is complete.

Wiring

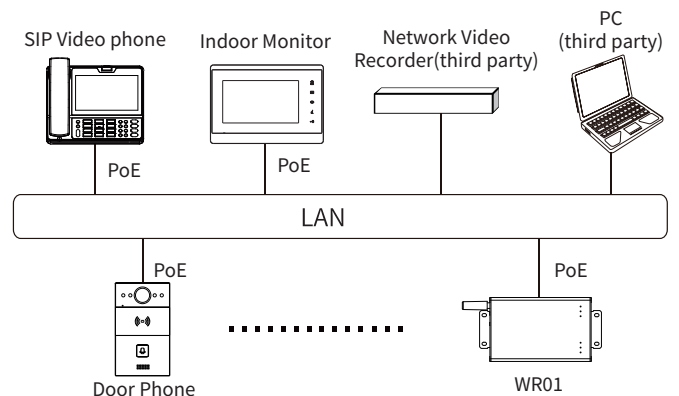


a. Connect the wiring according to your requirements, refer to **Wiring Interface** for more information. (Note: Only the WR01-L model features a 4G antenna and a SIM card slot.)
b. Check and verify that the antenna is securely fastened.
c. Installation is complete.

LED Status Information

LED Indicator	LED Status		Description
Status	Green	Always on	Normal
		Flashing	System initializing/firmware upgrading
	Red	Always on	Abnormal
Relay	off	None	No signal
	Green	Flashing	Normal
Input	off	None	No signal
	Green	Flashing	Normal
4G 2-Bar Signal(WR01-L Only)	Green	Solid Green	Weak signal
4G 3-Bar Signal(WR01-L Only)	Green	Both 2-Bar & 3-Bar LEDs Solid Green	Fair signal
4G 4-Bar Signal(WR01-L Only)	Green	All 4G LEDs(2/3/4-Bar) Solid Green	Excellent signal

Application Network Topology



Network Test

Please verify the network status after installation: Log in to the web interface using the default static IP 192.168.1.100. If the page loads successfully, the network is working properly.



NOTICE:

Quick guide can be viewed on Global Visions website.



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