Akuvox AV-E12W Access Control and Audio Visual User Guide

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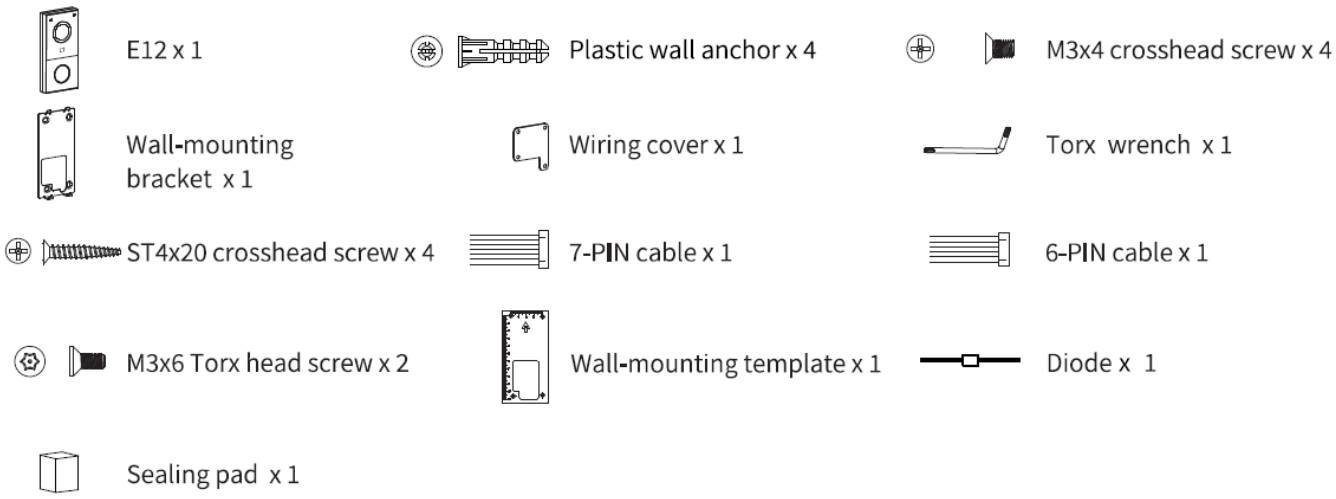
Akuvox

Akuvox AV-E12W Access Control and Audio Visual

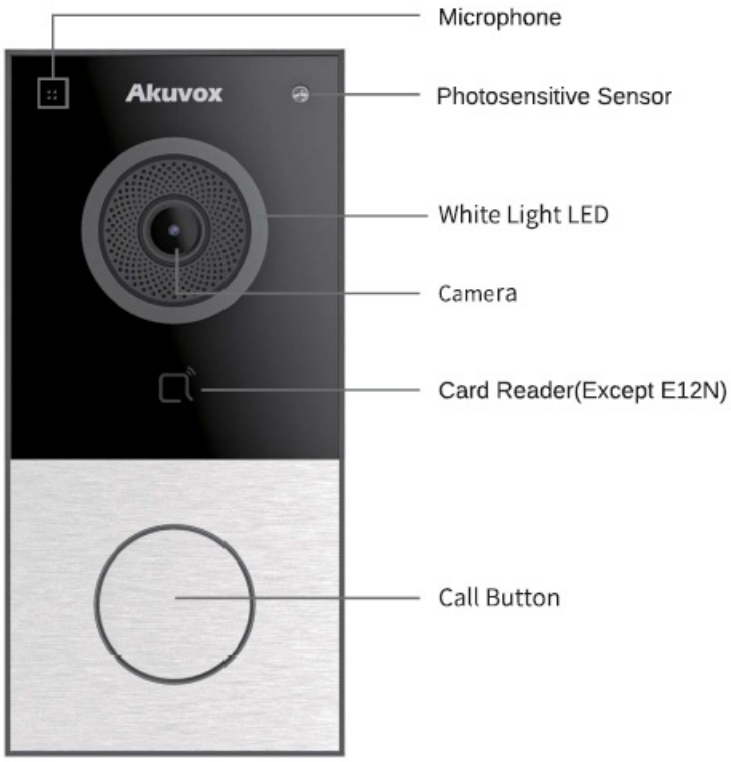
Unpacking

Before you being using the device, please check the version you obtained and ensure that the following items are included in the shipped box:

Universal Accessories:

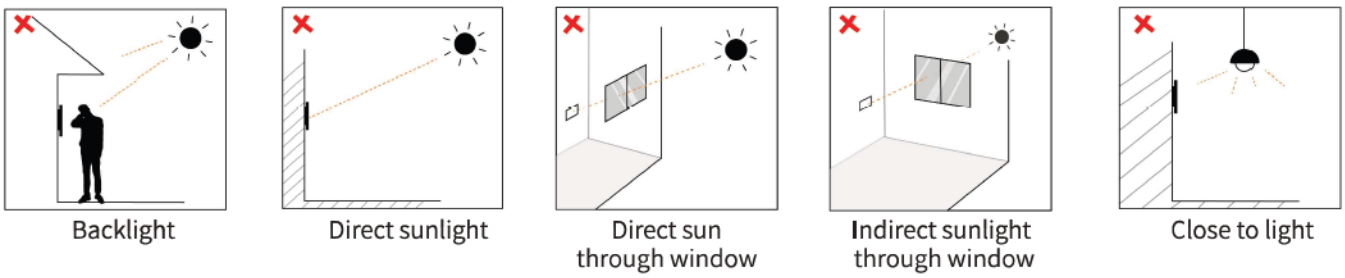


Product Overview

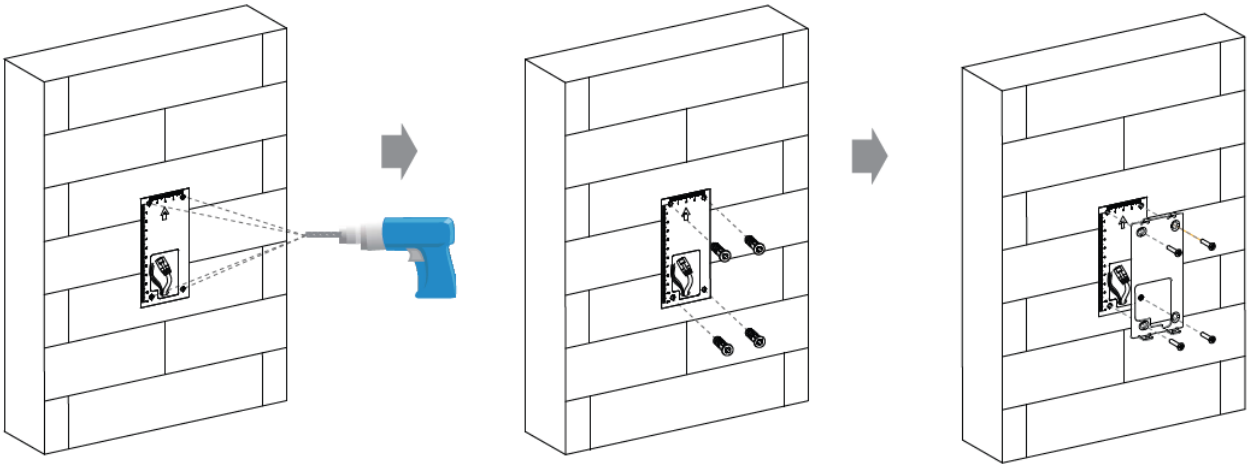


Installation Environment

- Please do not place device under direct sunlight, it will bring bad effect or be broken with high temperature.
- 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.



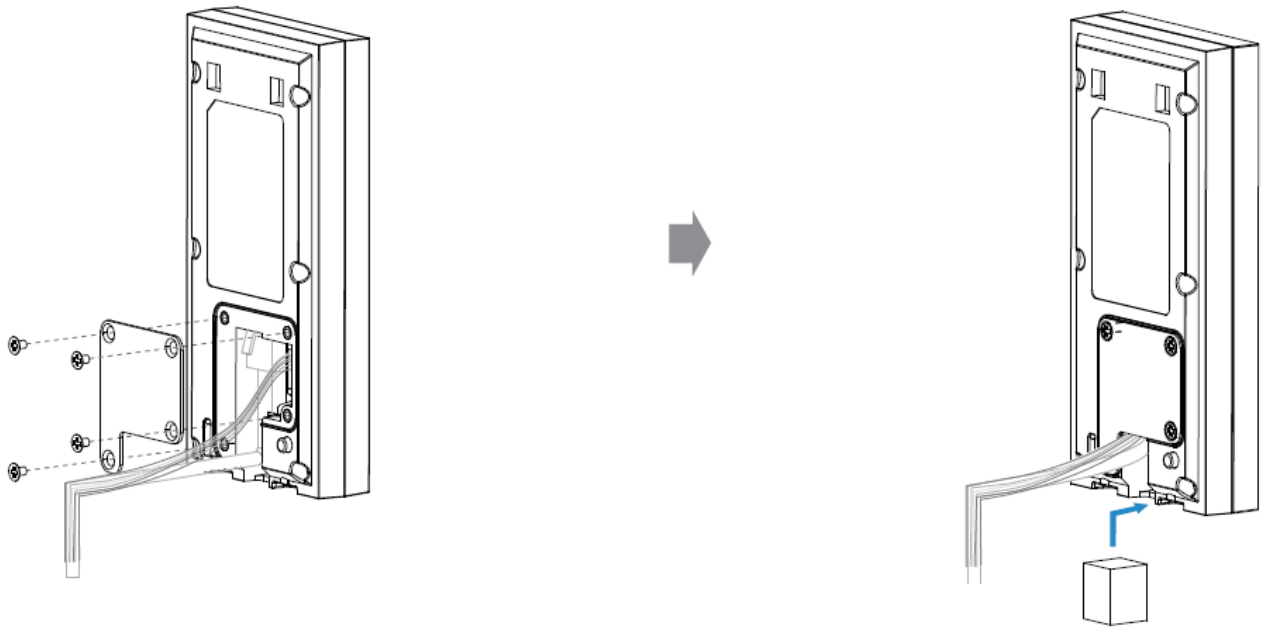
Installation



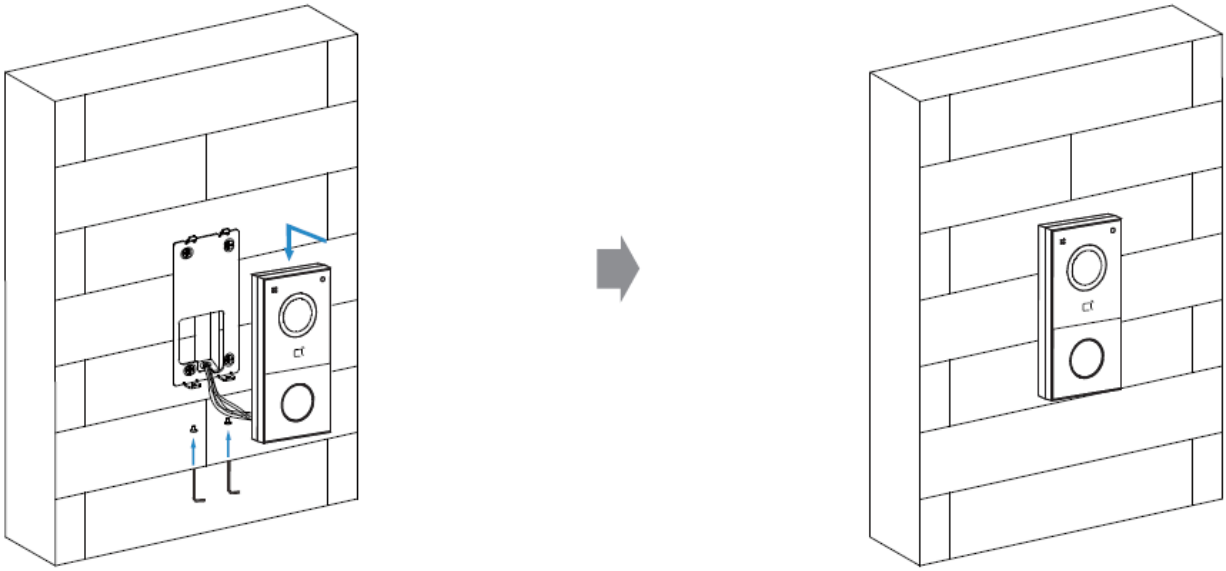
- According to the position of the reserved wires on the wall, stick the wall-mounting template vertically to ensure

that the wires can come out of the shadow position of template. Drill (6 mm drill bit required) four screw holes with a depth of 25mm in the screw holes of the template.

- Insert four plastic wall anchors into the holes.
- Fix the wall-mounting bracket on the wall by tightening four ST4x20 crosshead screws to the plastic wall anchors.

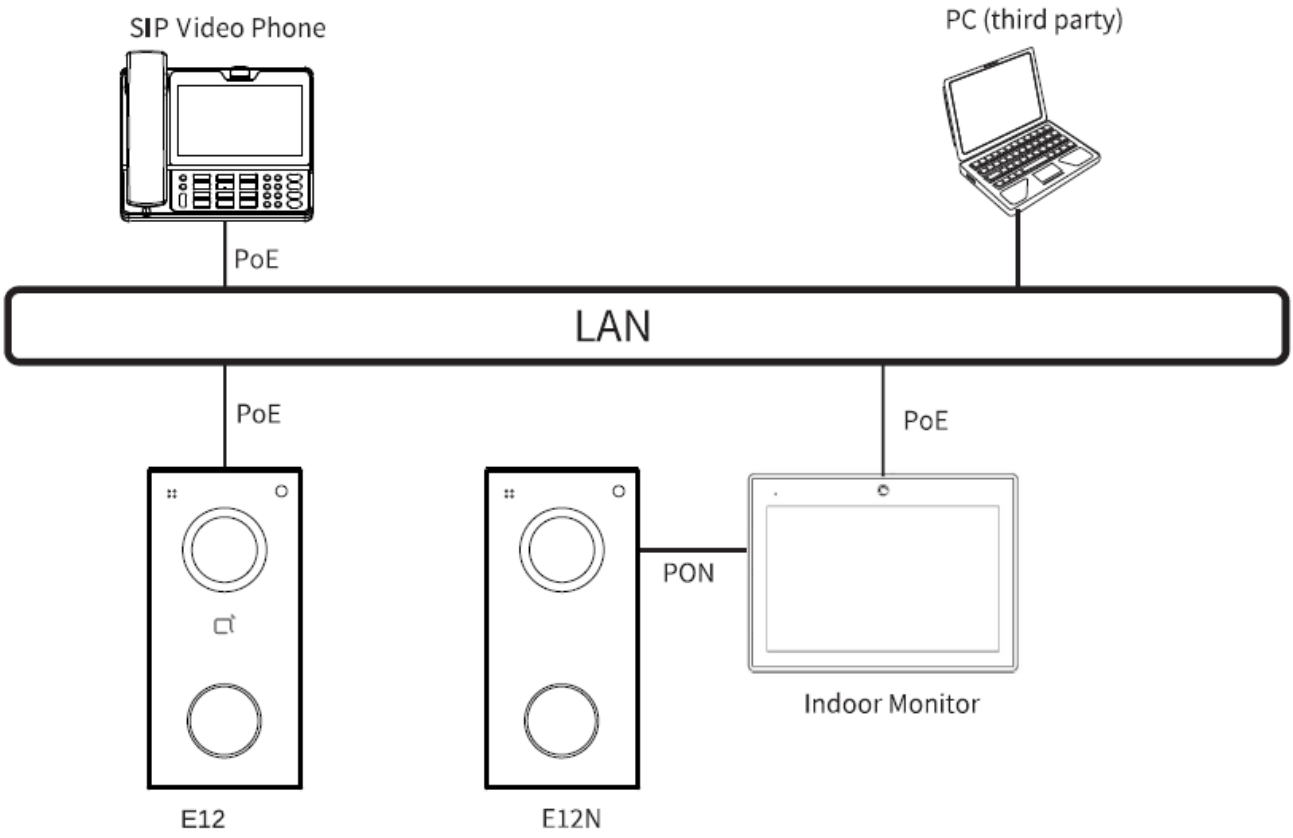


- Connect the wires to the interface of the device as needed (for details, refer to “Device Wiring”). After arranging the wires, tighten the wiring cover using four M3x4 crosshead screws to the device.
- Insert the sealing pad into the wire opening as indicated in the figure, pushing it upward to ensure a tight seal of the opening.

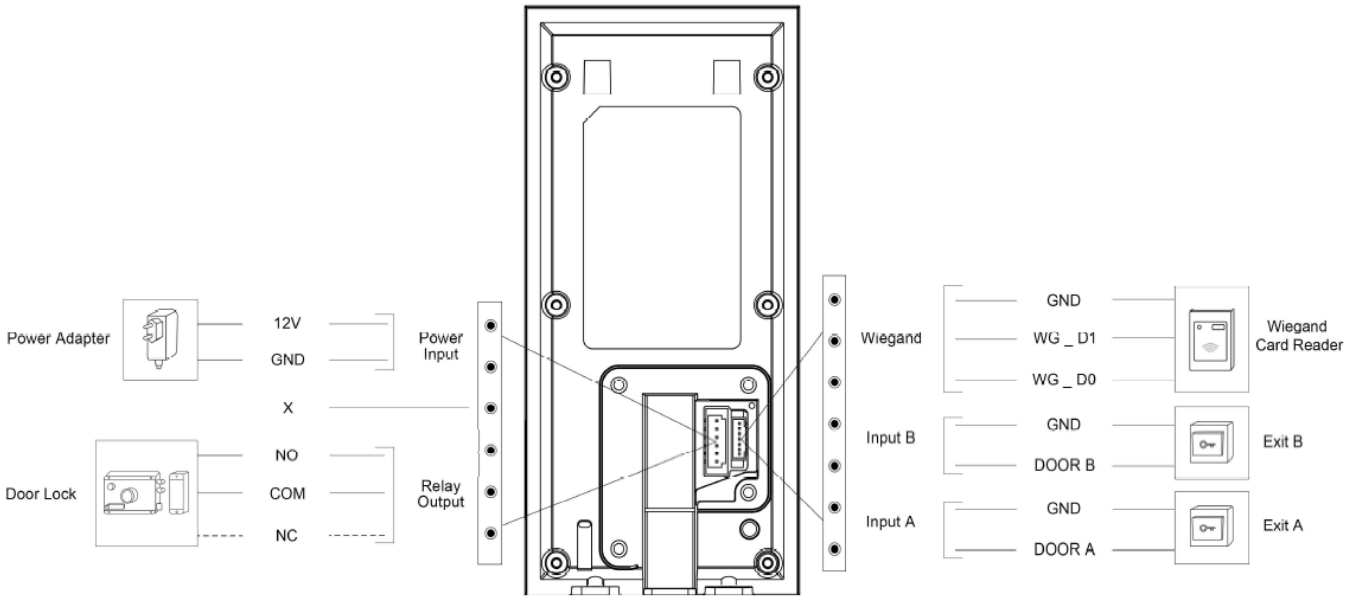


- Hang the device on to the two square hangers on the wall-mounting bracket, then use the Torx wrench attached to tighten the bottom of the device with two M3x6 Torx head screws.
- The installation is completed.

Application Network Topology

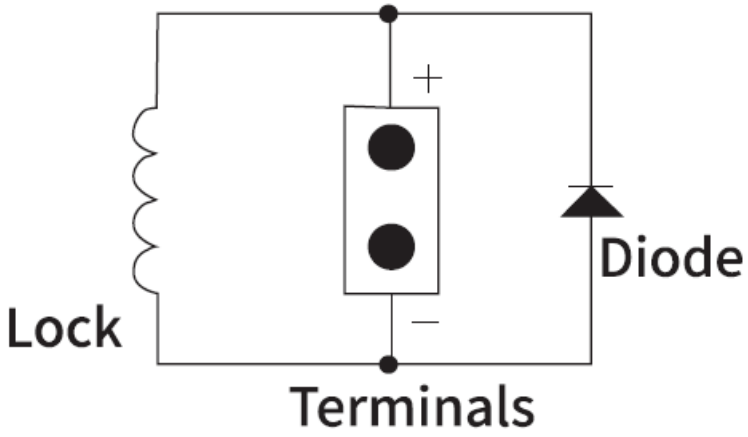


Device Wiring



Warning

When you connect a device containing a coil, such as a relay or an electromagnetic lock, it is necessary to protect the intercom against voltage peak while switching off the induction load. For this way of protection we recommend a diode 1 A/ 200 V (included in the accessories) connected anti parallel to the device.



Wire Length & AWG Table

Please follow the properly measured wire gauge/length to install device:

	20AWG	22AWG	24AWG	26AWG
12V IA Adapter	5om	40m	20m	I

IP Announcement

1. While E12 starts up normally, hold the Call Button for several seconds after the LED light turns blue, voice system will enter IP announcement mode.
2. In announcement mode, the IP address will be announced periodically.
3. Press Call Button again to the announcement mode.
4. In announcement mode, phone announces “IP 0,0.0.0” if no IP address is gained.

Operation

Make a call:

1. Press the Call Button to call indoor SIP Phone.
2. During the talk, called party can press pre-configured code number to unlock the door.

Receive a call:
E12 supports Auto Answer by default. Incoming call from indoor device will be answered automatically.

Configuration

1. Access the Web UI: Input the IP address into browser to configure the phone.
2. Account Registration: On web UI, go to the path: Account> Basic page Register Account and fill in the account information. (Please refer to user manual for more information)
3. Configure the Push Button: On web UI, go to the path: Intercom> Basic> Push Button to configure the call number.
4. Configure the code to open the relay: On web UI, go to the path: Intercom> Relay & Input > Relay ID/DTMF and choose the DTMF code number in corresponding area.

Indicators

Name	Status	Description
Status Indicator	Blue Light Always On	Normal status
	Blue Breathing Light	Calling
		Receiving a call
	Blue Light Always On > Red Light Always On> Purple Light Always On	Restarting
	Red Breathing Light	Network is unavailable/ Obtaining network
	Purple Light Always On	Talking
	Red/Purple Light Flashing	Firmware upgrading

Note: For more LED settings, please refer to E12 web UI: Intercom> LED Setting.

Notice Information

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Documents / Resources

	Akuvox AV-E12W Access Control and Audio Visual [pdf] User Guide 5131020110, AV-E12W, AV-E12W Access Control and Audio Visual, AV-E12W, Access Control and Audio Visual, Control and Audio Visual, and Audio Visual, Audio Visual

References

- User Manual

Manuals+, Privacy Policy

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