Akuvox Smart Intercom

E11X Quick Guide

Unpacking

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

Universal Accessories:

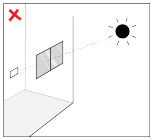
- E11 x 1
- Diode x 2
- Rope x 1
- Wall-mounting screw x 4
- Wall-mounting bracket x 1
- Wiring cover x 1
- Allen wrench x 1
- Sealing pressing plate x 1
- Rubber plug x 3（S,M,L）
- M4x30 crosshead screw x 2
- M2.5 x 6 crosshead screw x 2
- Plastic wall anchor x 4
- M3x6 hex socket screw x 6
- ST4x20 crosshead screw x 4

Product Overview

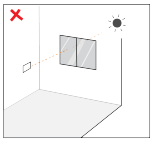
E11X

Installation Environment

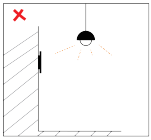
- Only indoor installation is supported.
- If installing the device indoors, please keep device at least 2 meters from light, and least 3 meters away from window and door.



Direct sun through window



Indirect sunlight through window



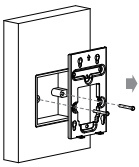
Close to light

Installation

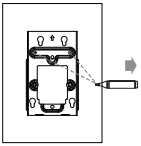
Step 1: Bracket Installation

Wall Mounting

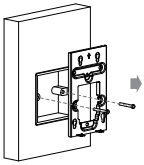
With 86 embedded box in the wall



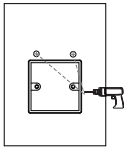
Fix the wall-mounting bracket on embedded box with two M4x30 crosshead screws.



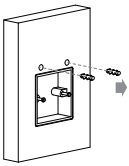
Mark the two holes of the wall-mounting bracket on the wall.



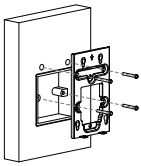
Take down two M4x30 crosshead screws and remove the wall-mounting bracket.



Use a hand drill with 6mm diameter bit to make two 25mm depth holes in the marked positions.

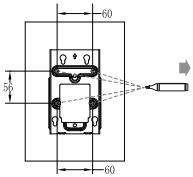


Insert two plastic wall anchors into the holes.

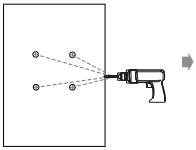


Fix the wall-mounting bracket with two ST4x20 crosshead screws and two M4x30 crosshead screws.

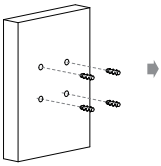
Without 86 embedded box in the wall



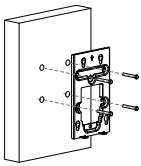
Mark the four holes of the wall-mounting bracket on the wall for the screws.



Use a hand drill with 6mm diameter bit to make four 25mm depth holes in the marked positions.

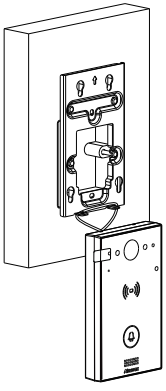


Insert four plastic wall anchors into the holes.

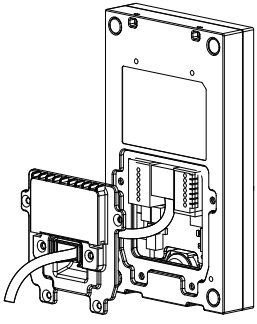


Fix the wall-mounting bracket with four ST4x20 crosshead screws.

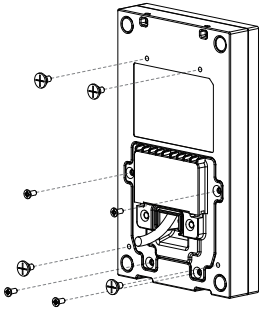
Step 2: Wiring Cover Installation



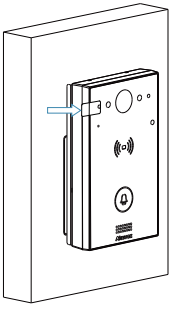
For convenient wiring, hang E11X on the wall-mounting bracket with rope.



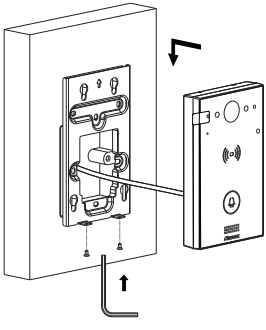
Make cables go through the wiring cover, connecting to the corresponding interfaces of the main board.



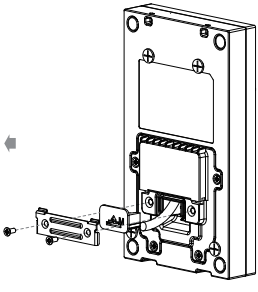
Fasten the wiring cover with four M3x6 hex socket screws, then fix four wall-mounting screws on the back of E11X.



After successful installation, check the stability of device. And please remove the lens protective film.

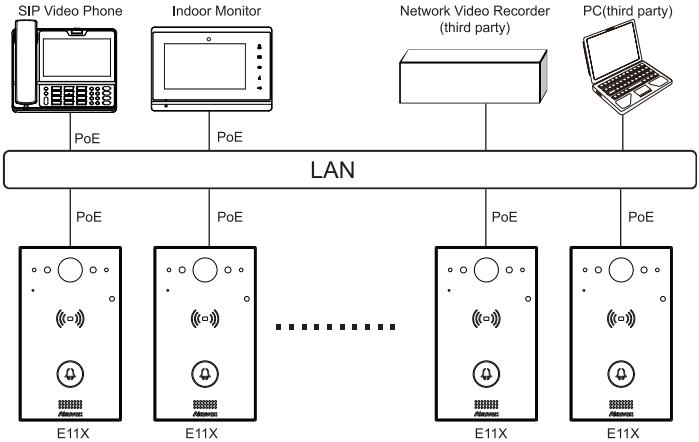


Insert the four wall-mounting screws on the device into the corresponding holes on the wall-mounting bracket, and then press down to slide the wall-mounting screws into the groove. Then use the allen wrench to tighten the device with two M3x6 hex socket screws.

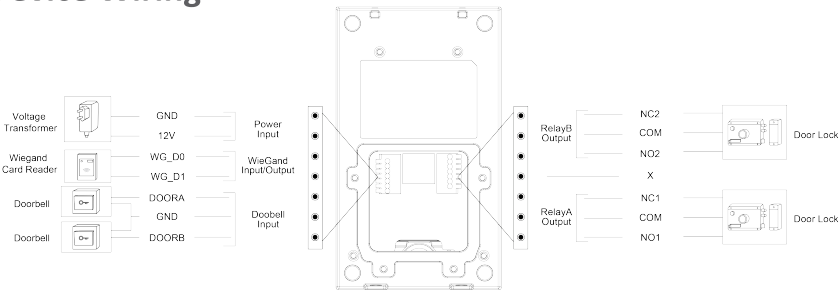


Select a suitable size rubber plug to push all the cables into the wiring cover. Fix sealing pressing plate to the wiring cover with two M2.5x6 crosshead screws.

Application Network Topology

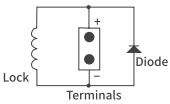


Device Wiring



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 antiparallet to the device.



Wire Length & AWG Table

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

	20 AWG	22 AWG	24 AWG	26 AWG
12V 1A Adapter	⩽50m	⩽40m	⩽20m	/

IP Announcement

1. While E11X starts up normally, hold the **Call Button** for several seconds after the **Status LED** 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 quit the announcement mode.
4. In announcement mode, phone announces "IP 0.0.0.0" if no IP address is gained.

Configuration

1. Access Web UI: Input the IP address into web 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 Push Button: On web UI, go to the path: **Intercom -> Basic -> Push Button** to configure the call number.
4. Configure DTMF Code: On web UI, go to the path: **Intercom -> Relay -> Relay ID/DTMF** and choose the DTMF code number in corresponding area.

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:
E11X supports Auto Answer by default. Incoming call from indoor device will be answered automatically.

Indicators

Light ON Light OFF

Name	Status		Description
Status indicator	Blue		Normal status
		0.25sec → 0.25sec	Calling
	Red	0.05sec → 0.05sec	Restarting
		0.25sec → 0.25sec	Network is unavailable
	Green		Initialing/Talking on a call
		0.25sec → 0.25sec	Receiving a call
	Red/Blue	0.05sec → 0.05sec	Firmware upgrading

Note: For more LED settings, please refer to E11X web UI: **Intercom > LED Setting**.

Notice Information

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