

Unpacking

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

 1x	 1x	 1x	 4x
IT88X	Flush-mounting bracket	M3x6 headless screw	M4x20 crosshead screw
 1x	 1x	 2x	 1x
10-Pin cable	11-Pin cable	Diode	Allen wrench

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 power adapter to power on device.

AWG Sizes and Properties Table

Power Supply	12VDC 1A				
AWG	16	18	20	22	24
Resistance(ohm/km)	13.5	21.4	33.9	48.5	79.6
Cross-sectional Area(mm ²)	1.318	0.8107	0.5189	0.3247	0.2047
Wire Length(m)	≤50	≤50	≤50	≤40	≤20

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.



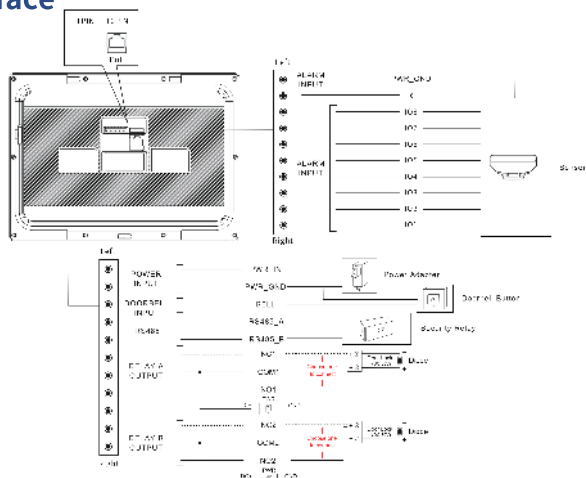
Warning!

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 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.

Wiring Interface



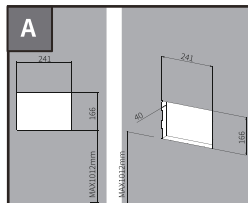
To protect the device from potential damage caused by over-voltage, it is recommended to wire a diode into the circuit. Connect the anode of the diode to the negative cable of the lock, and connect the cathode of the diode to the positive cable of the lock.



Installation

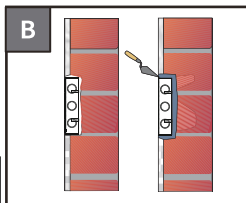
Step 1: Wall-mounting Bracket Installation

1. Without electrical junction box in the wall



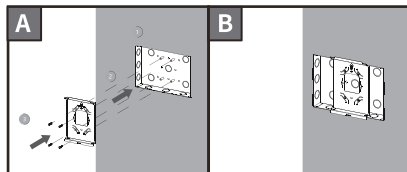
- Mark the location for the box and cut a rectangular hole in the wall (height* width*depth=166*241*40mm) in the wall.
- Fit the **flush-mounting box** into the hole, and run cables through it.

Note: The maximum height from the ground to the hole's bottom edge is 1012 mm.



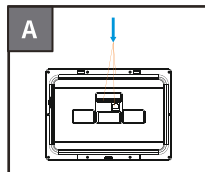
Fill the gap between the wall and **flush-mounting box** with cement or non-corrosive structural adhesive. The adhesive must dry before you continue to the next step.

Step 2: Flush-mounting Bracket Installation

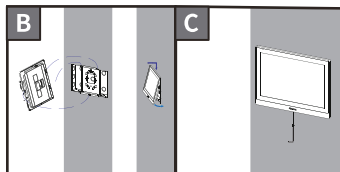


- Make sure the cables go through the hole of **flush-mounting bracket**.
- Fasten the bracket to the box using four **M4x20 crosshead screws**.
- The flush-mounting bracket installation is done.

Step 3: Device Mounting



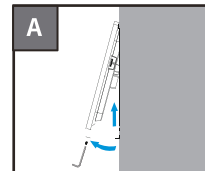
Connect cables to the corresponding ports on the back of IT88X (please refer to the **Wiring Interface** section).



- Rotate the device at 15° as the figure shown.
- Align the two upper holes on the back cover with the hooks of bracket.
- Press the device into the bracket until it is clipped on.
- Use **Allen wrench** to tighten the **M3x6 headless screw** at the bottom of the device. Device installation is done.

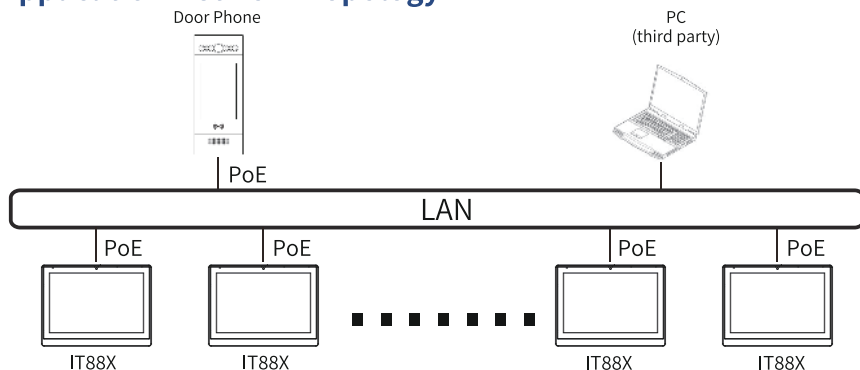
Note: Make sure the screw holes at the bottom of the device align to the bracket's.

Device Removal



Use **Allen wrench** to tighten the **M3x6 headless screw** at the bottom of the device. Device installation is done.

Application Network Topology



Device Test

Please verify the device status after installation:

1. **Network:** Navigate to **Setting > System Info** to check the device's IP address and network status. Network is working properly if the IP address is obtained.
2. **Intercom:** Dial the callee's or APT number, and press **Dial** to make an audio call or press **Video** to make a video call. The call configuration is correct if the call is successful.
3. **Access Control:** Press **Unlock** on the monitor interface to unlock the 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 information.



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