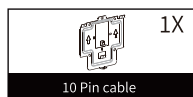
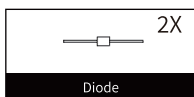
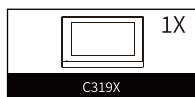
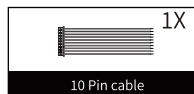
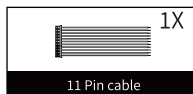
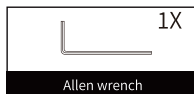
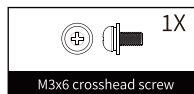
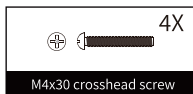
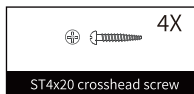
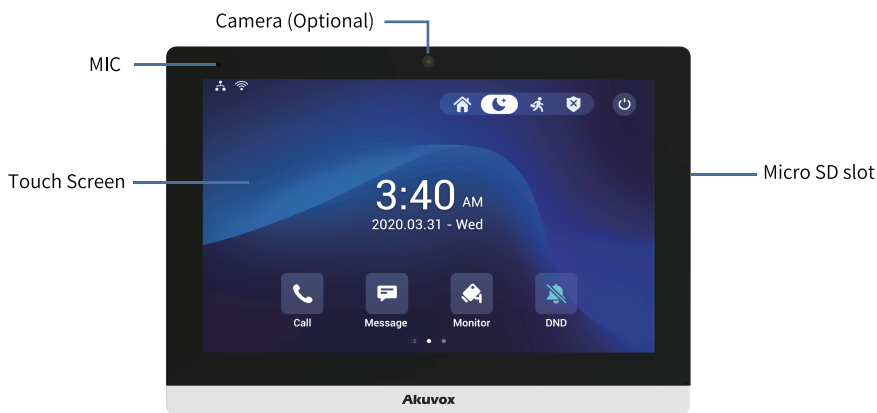


## Unpacking

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



## Product Overview



## Before You Start

### Tools needed

(not included in shipped box)

- Cat Ethernet Cable
- Crosshead Screwdriver

### Voltage and Current Specifications

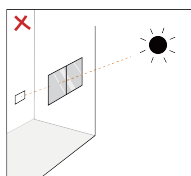
- It is suggested that use PoE or 12VDC 1A power adapter to power on device.

### AWG Sizes and Properties Table

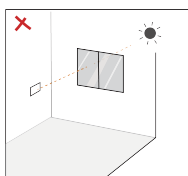
| Power Supply                              | 12VDC 1A |        |        |        |        |
|---|----------|--------|--------|--------|--------|
| AWG                                       | 16       | 18     | 20     | 22     | 24     |
| Resistance (ohm/km)                       | 13.5     | 21.4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

### Requirements

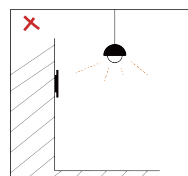
1. Place the device away from sunlight and light sources to prevent potential damage.
2. Do not place the device in the high-temperature, and humid environments or in surroundings impacted by magnetic field.
3. Install the device on the flat surface securely to avoid personal injuries and property loss caused by device's falling.
4. Do not use or place the device near heating objects.
5. Please keep device at least 2 meters away from light, and at least 3 meters away from window and door.



Direct sun  
through window



Indirect sunlight  
through window



Close to light

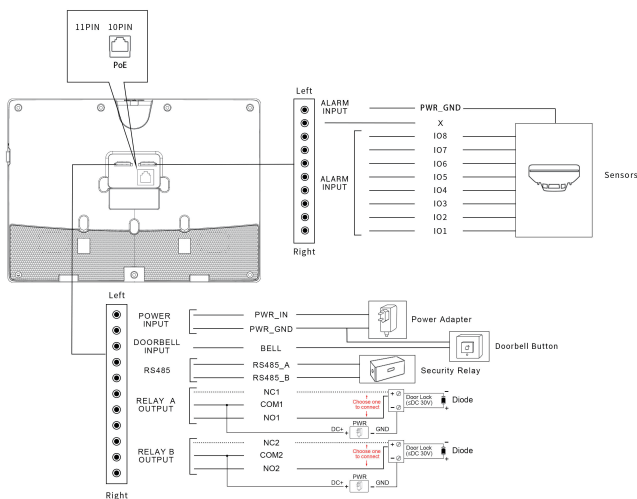
## Warning!

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.

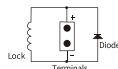
## Caution

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



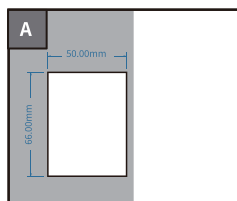
To protect the device from potential damage caused by over-voltage, it is recommended to wire a diode in to the circuit. Connect the anode of the diode to the negative cable of the lock, and connect the cathode of the diode to the positive cable of the lock.



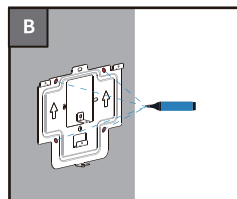
## Installation

### Step 1: Wall-mounting Bracket Installation

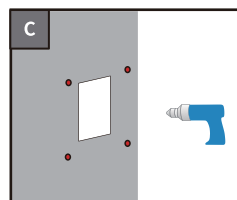
#### 1. Without electrical junction box in the wall



Cut out a square hole on the wall with the dimension 66\*50\*50mm (height\*width\*depth).

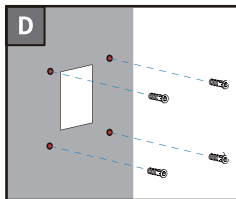


- Align the square hole of the **wall-mounting bracket** with the hole dug out before.
- Mark four screw holes through wall-mounting bracket on the wall.

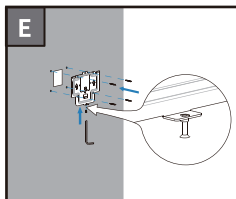


- Take down the **wall-mounting bracket**.
- Use a 6mm hand drill to make the four screw holes on the wall which marked before.



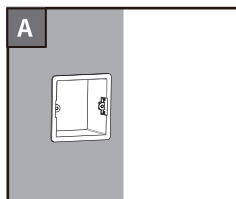


Insert four **plastic wall anchors** into four drilled holes.

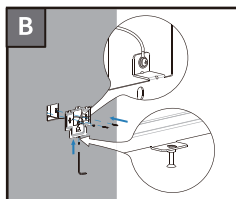


- Screw **M3x10.5 hex socket screw** into the bottom hole of the wall-mounting bracket until its tail of which aligns with the edge.
- Fix the **wall-mounting bracket** to the wall with four **ST4x20 crosshead screws**.
- If there is a ground wire to be connected , use **M3x6 crosshead screw** to fix it on the wall-mounting bracket.

## 2. Without electrical junction box in the wall

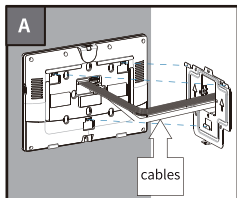


Make sure all cables in the embedded box .

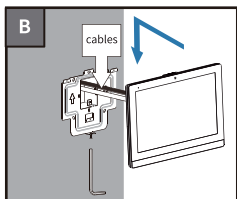


- Screw **M3x10.5 hex socket screw** into the bottom hole of the wall-mounting bracket until its tail of which aligns with the edge.
- Fix the **wall-mounting bracket** to the wall with four **M4x30 crosshead screws**.
- If there is a ground wire to be connected , use **M3x6 crosshead screw** to fix it on the wall-mounting bracket.

## Step 2: Device Mounting



Plug the cables from the wall into corresponding interface on the back cover. (For details, refer to "Wiring Interface")

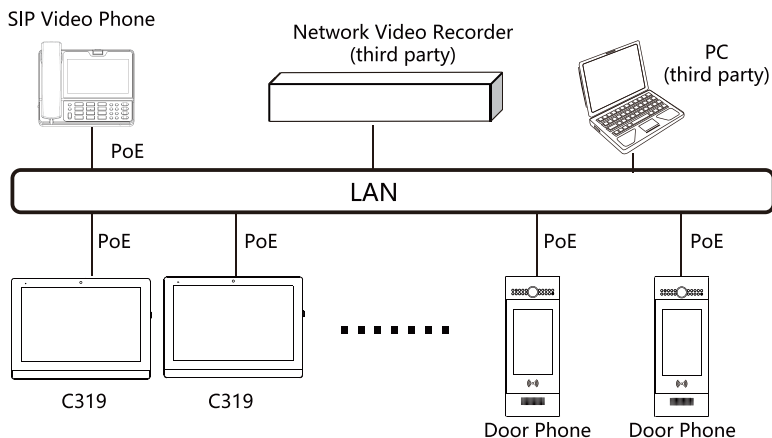


- Align the slots on the back cover with the hooks on the bracket.
- Push down device to secure it.
- Tighten **M3x10.5 hex socket screw** on the device with **Allen wrench**.



YS31900006

## Application Network Topology



## Device Test

Please verify the device status after installation:

1. **Network**: Navigate to **Setting > Status** 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** **icon** to make an audio call or press **Video** **icon** to make a video call. The call configuration is correct if the call is successful.
3. **Access Control**: Press **Unlock** **icon** 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 needs to be repaired.

## Get Help

For help or more assistance, contact us at:



<https://ticket.akuvox.com/>



[support@akuvox.com](mailto:support@akuvox.com)

Scan the QR code to get more videos, guides, and additional product information.



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