RoomPanel E2 Deployment and Connection
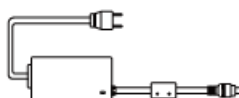
Package Contents

RoomPanel E2
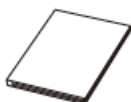
USB-C Port
Protective Cover

(2.5m, 8.20ft)
Power Adapter
(12V/1.25A)
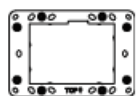
(WH-85*3.0mm)
Screwdriver

Quick Start Guide

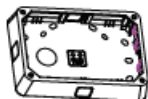Power Extension Cable
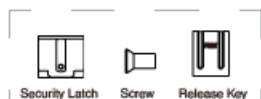(Optional)

Metal Bracket

20° Mounting Bracket

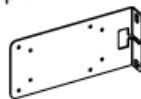(Optional × 1)   (Default × 1)
3M Adhesive Tape × 2

0° Mounting Bracket

Security Latch   Screw   Release Key
Security Latch
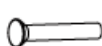
Glass Sticker

Mullion Mount
Bracket

Mounting Bracket and Accessory Kit

× 6   × 4   × 6   × 6   × 6   × 6

6-32 x 3/4 in
(For mounting U.S.
electrical box)

M3.5 x 25mm
(For mounting U.K.
electrical box)
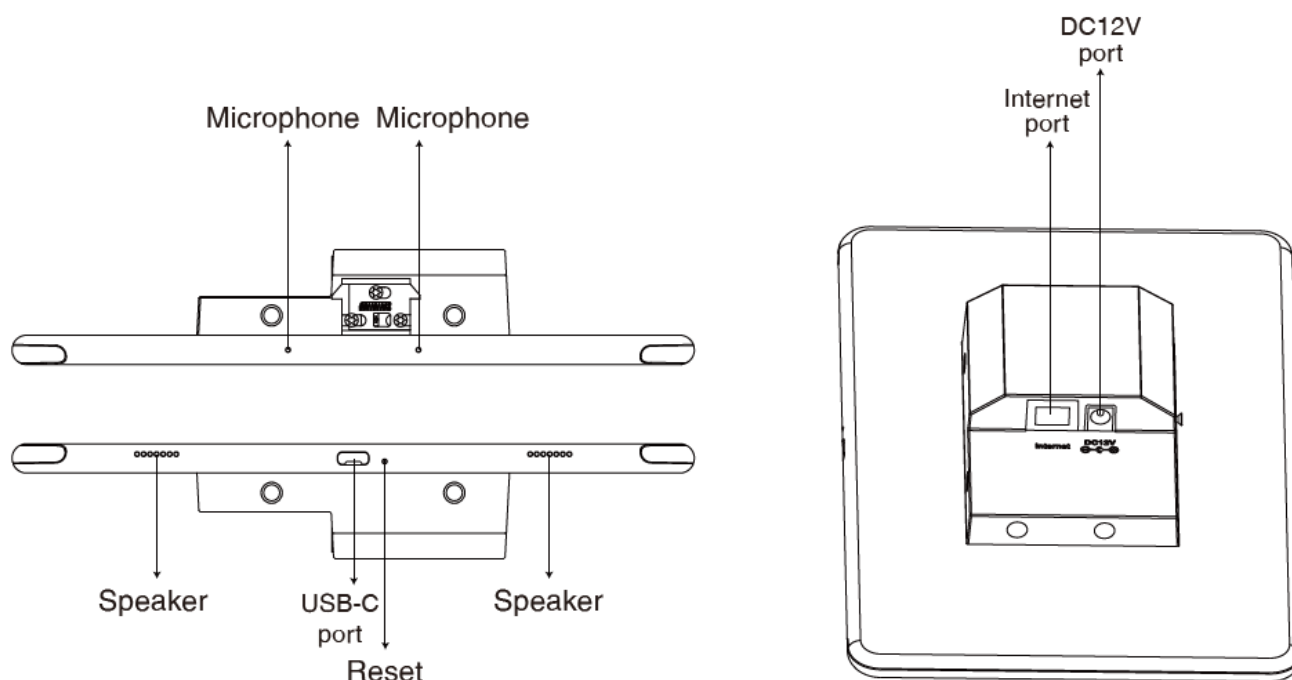
M3 x 6mm
(For mounting metal
bracket)

Φ6 × 30mm
(For mounting bracket)

T4 x 30mm
(For mounting bracket)

M4 x 5mm
(Fix the mullion mount
Bracket and the wall
bracket)

Screw Kit
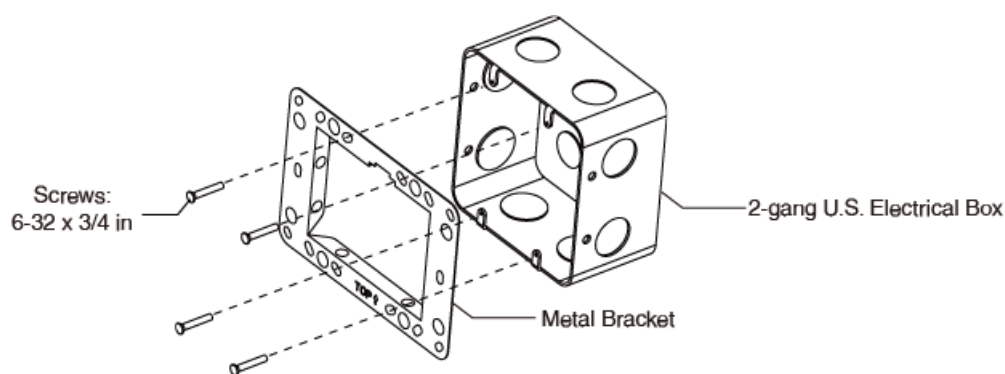
Hardware Component Instructions

Installation

Mount into Electrical Box

The RoomPanel E2 installs over a standard 2-gang U.S. electrical box.
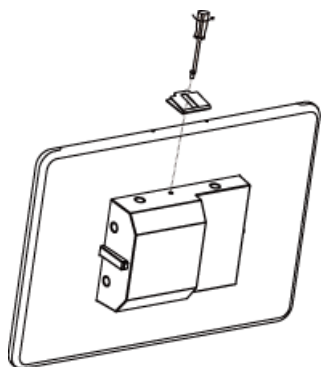
Step 1: Install the Metal Bracket

Attach the metal bracket to the electrical box (as shown in the following illustrations).
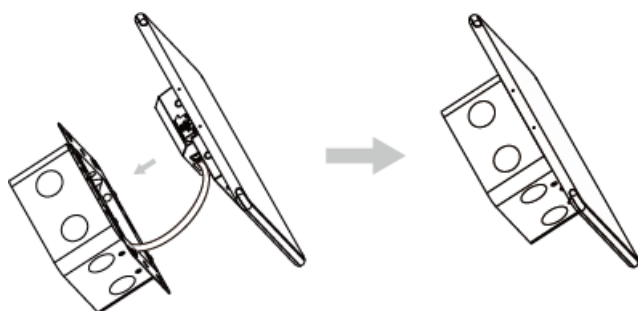

Keep the TOP ⇧ facing up.

Step 2: Install the Security Latch (Optional)

Install the security latch to the RoomPanel E2 so that it cannot be easily removed from the mounting bracket after installation.
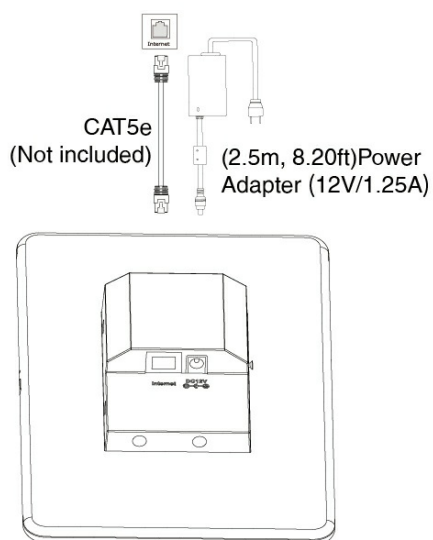
Step 3: Connect the Cable and Install the RoomPanel E2

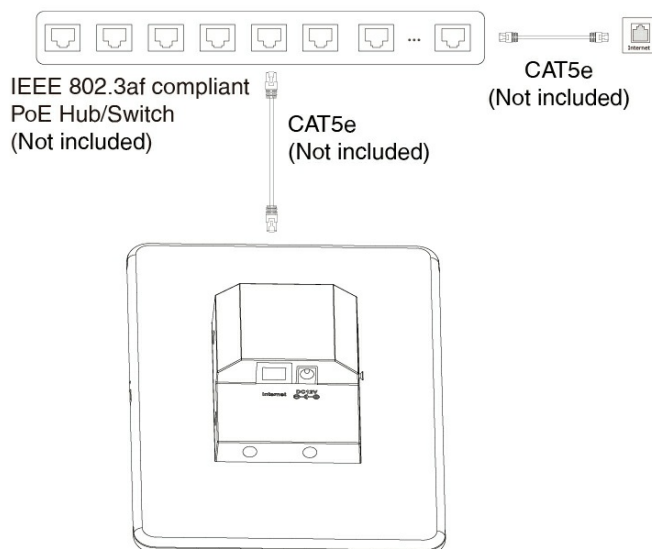Push the RoomPanel E2 gently into the metal bracket.

Connection

① DC Power Option:

② PoE (Power over Ethernet) Option:

CAT5e
(Not included)

(2.5m, 8.20ft)Power
Adapter (12V/1.25A)

IEEE 802.3af compliant
PoE Hub/Switch
(Not included)
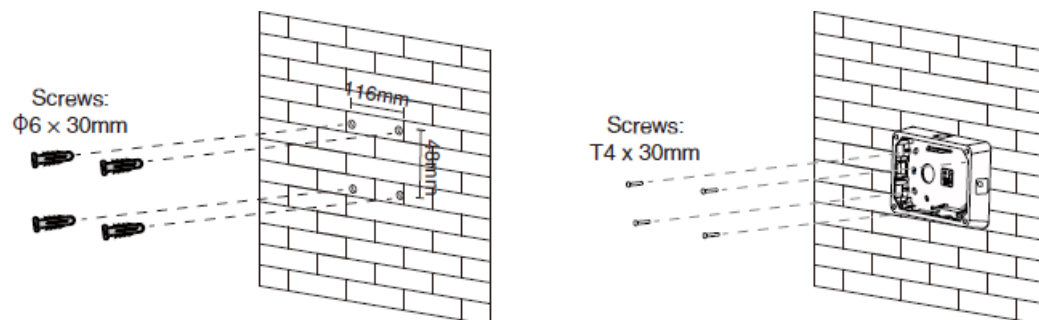
CAT5e
(Not included)

CAT5e
(Not included)

Note: The device supports the wireless network, and it does not need to use the power adapter when using option 2.
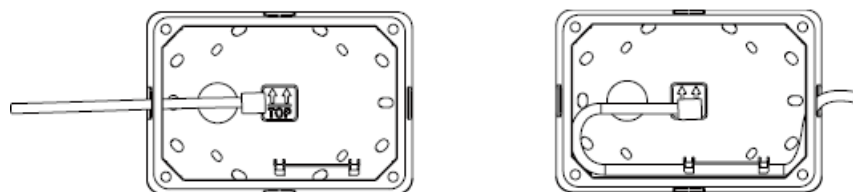
Mount on the Wall

The recommended installation height is between 40 and 60 inches (ADA consideration:20 inches to 48 inches). This guide mainly takes the 0° Mounting Bracket as an example for reference.

Step 1: Install the Mounting Bracket to the Wall

Screws:
Φ6 × 30mm

116mm

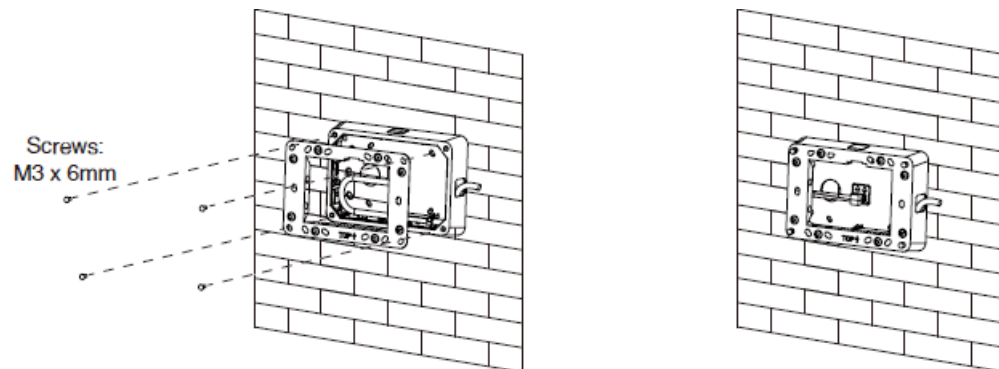Screws:
T4 x 30mm

Keep the TOP facing up.

Step 2: Route the Ethernet Cable

TOP

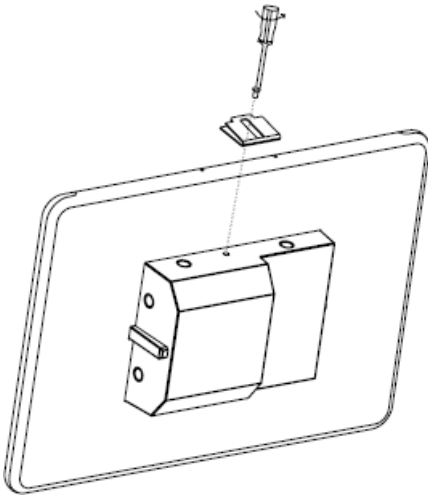Option 1   Option 2

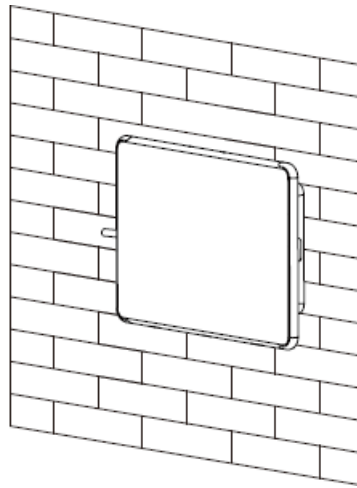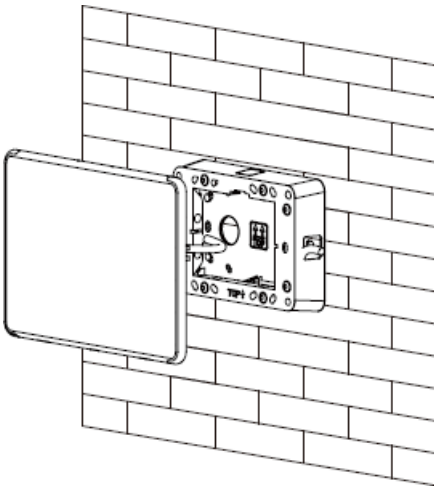Step 3: Install the Metal Bracket to the Mounting Bracket

Screws:
M3 x 6mm

Keep the TOP facing up.

Step 4: Install the Security Latch (Optional)

Install the security latch to the RoomPanel E2 so that it cannot be easily removed from the mounting bracket after installation.
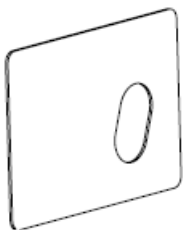
Step 5: Connect the Cable and Install the RoomPanel E2
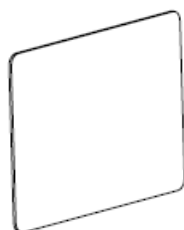

Mount on the Glass

The recommended installation height is between 40 and 60 inches (ADA consideration: 20 to 48 inches). This guide mainly takes the 0° Mounting Bracket as an example for reference.

Step 1: Glue the Mounting Bracket to the Glass

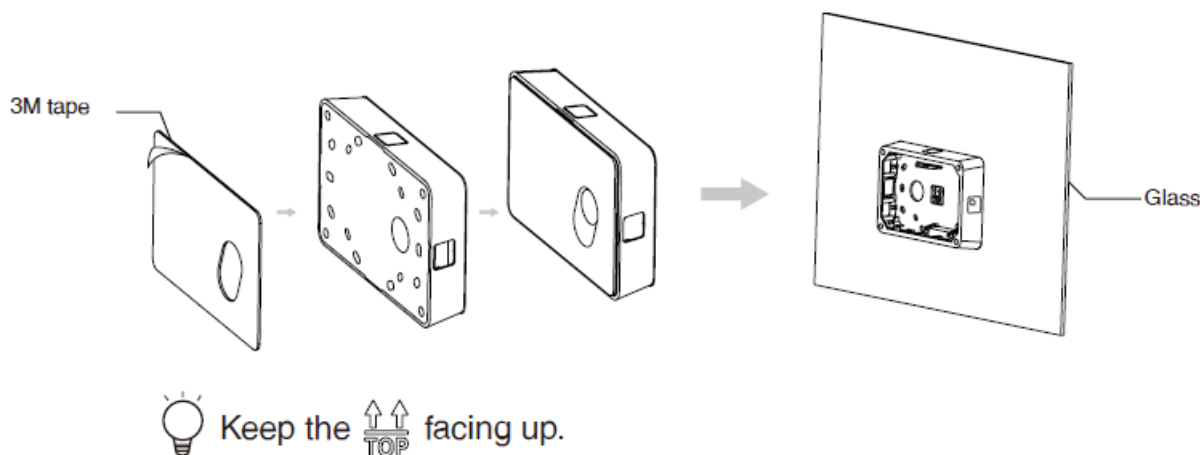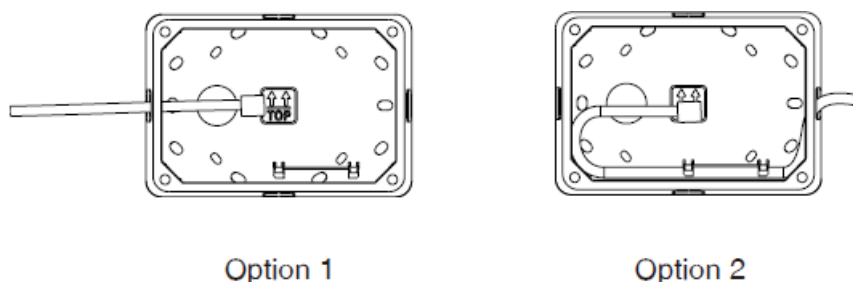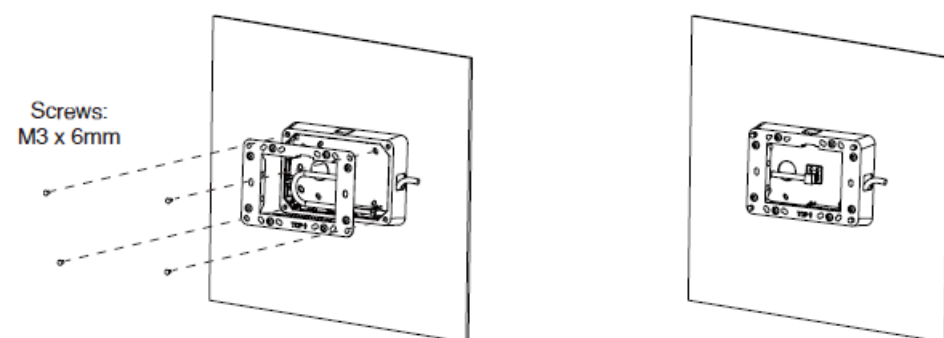Choose A 3M tape if you route the cable in the wall; otherwise, choose B.

> ⓘ **NOTE**
> 1. Clean the surface of the glass before gluing the 3M tape.
> 2. Press the 3M tape hard to help improve the bond strength between the glass and the mounting bracket.
> 3. Wait 1 hour after gluing the mounting bracket and install the RoomPanel E2 next.
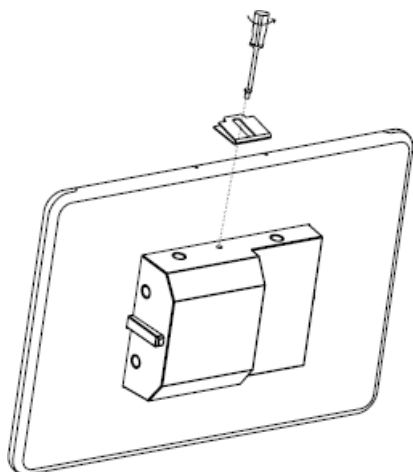
This guide mainly takes A 3M tape as an example for reference.

Keep the ⇧⇧TOP facing up.

Step 2: Route the Ethernet Cable

Option 1   Option 2
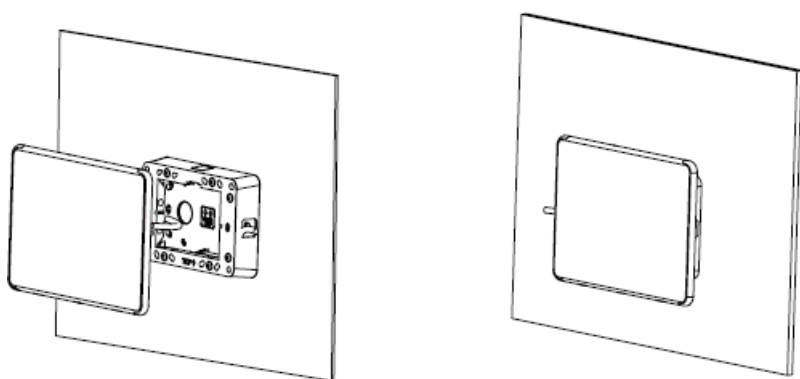
Step 3: Install the Metal Bracket to the Mounting Bracket

Keep the TOP⇧ facing up.

Step 4: Install the Security Latch (Optional)

Install the security latch to the RoomPanel E2 so that it cannot be easily removed from the mounting bracket after installation.
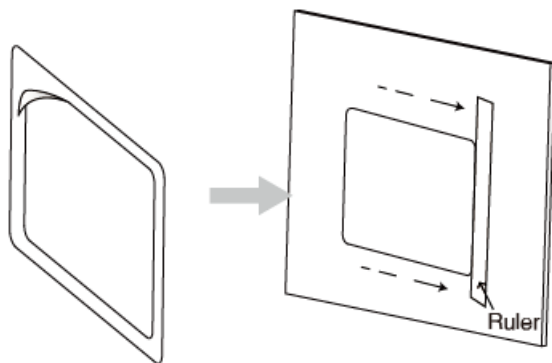
Step 5: Connect the Cable and Install the RoomPanel E2

Step 6: Glue the glass sticker on the back of the glass (Optional)

You can glue the glass sticker to the back of the glass which the RoomPanel E2 installed to maintain the aesthetics.
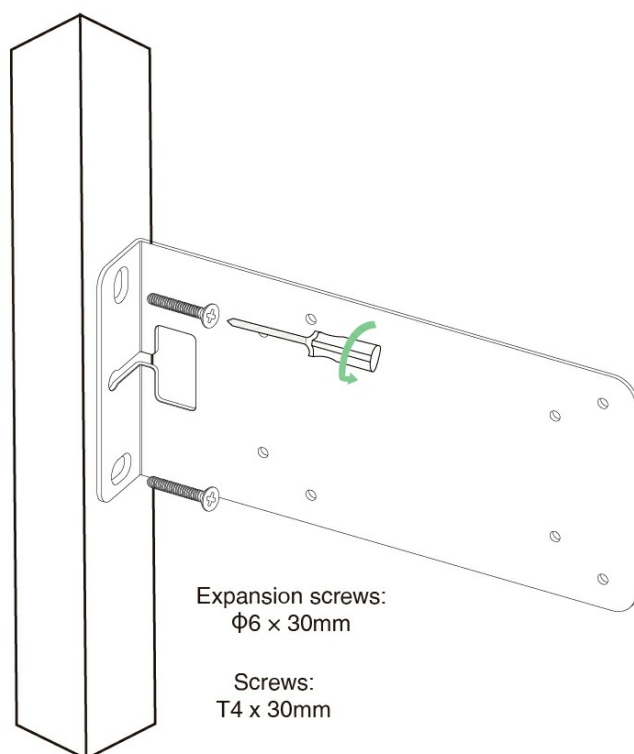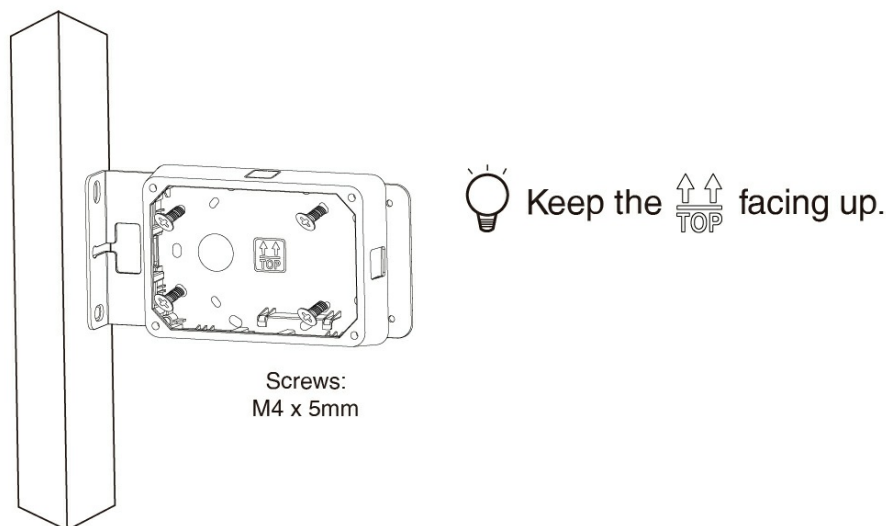

> ⓘ **NOTE**
>
> You can press the glass sticker with a ruler and glue it while pressing to reduce the generation of air bubbles.

Mullion Mounting
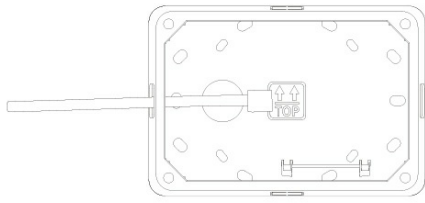
Step 1: Install the mullion mount bracket

Expansion screws:
Φ6 × 30mm

Screws:
T4 x 30mm

Step 2: Install the Mounting Bracket to the mullion mount bracket
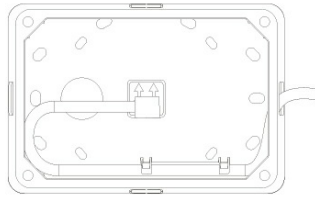

Keep the ⇧⇧TOP facing up.

Screws:
M4 x 5mm

Step 3: Route the Ethernet Cable
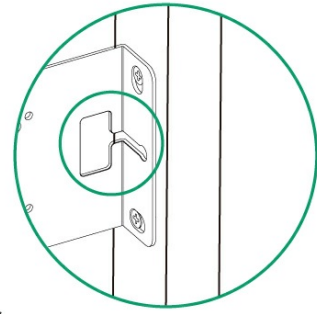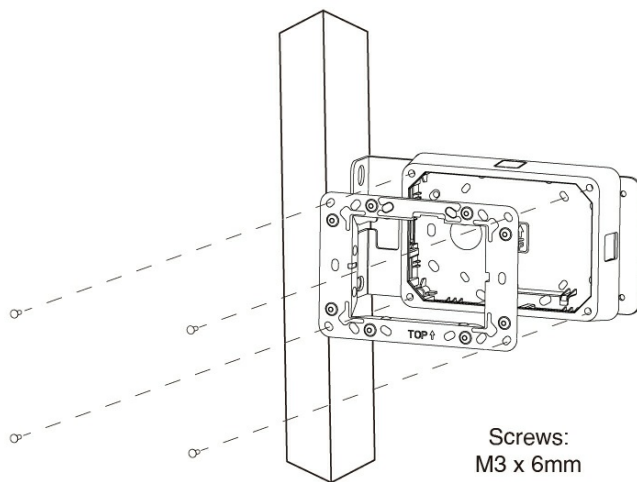
Option 1

Option 2

You can route the cable through this hole.

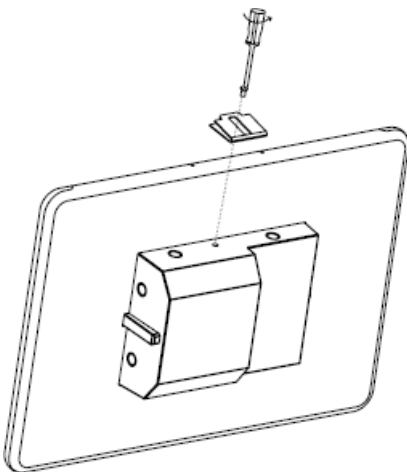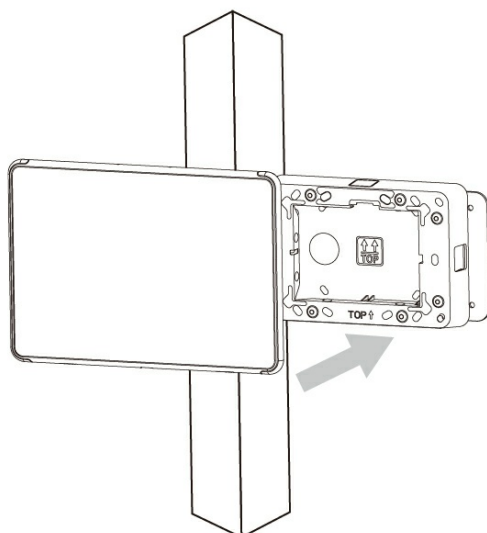**Step 4: Install the Metal Bracket to the Mounting Bracket**

Keep the ⇧⇧ facing up.

Screws:
M3 x 6mm
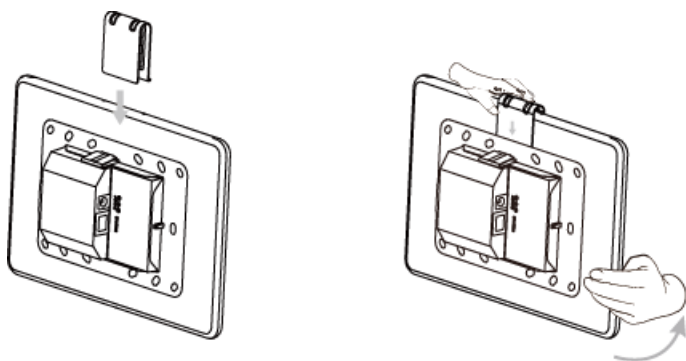
Step 5: Install the Security Latch (Optional)

Step 6: Connect the Cable and Install the RoomPanel E2

Remove the RoomPanel E2

1. If the security latch is not installed, you can directly pull the RoomPanel E2 to disengage the mounting bracket.

2. If the security latch has been installed: Use the release key to push down on the security bracket release tabs, as shown in the following, while pulling the touch screen away from the mounting bracket.

After the deployment is complete, you can refer to the Quick Setup chapter to configure the device first; After configuration, you can refer to the Quick Usage chapter to quickly understand the device features.

FAQ

What is the appropriate height to install the RoomPanel E2?

The RoomPanel E2 is equipped with a body sensor to wake up the RoomPanel E2 when a person approaches. To ensure that the RoomPanel E2 is effective in detecting people, a height of 1.4 meters is the optimum solution.

What is the range of people that RoomPanel E2 can detect?

When vertically mounted (with a 0° Mounting Bracket): within a distance of fewer than 0.8 meters, with a positive and negative angle range of 20°.

When installed obliquely (with a 20° Mounting Bracket): within a distance of fewer than 0.7 meters, with a positive and negative angle range of 20°.