



Surface Mount Kit

Installation Guide

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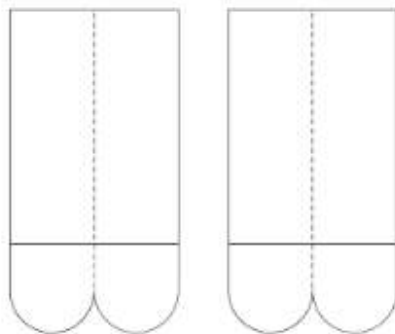
Package Contents



Surface Mount



LoRa Cellular Antenna



Command Strips (2 Pairs)



Security Screws (2)

What You'll Need

- Awair Omni
- Awair Surface Mount Kit
- Power Cord (Included with Awair Omni)
- Outlet Power Adapter (Included with Awair Omni)
- 2mm Hex Screwdriver
- 2mm Flathead Screwdriver
- Level

Preparing for Installation & Onboarding

Awair Omni devices can transmit data using a WiFi or cellular connection. Before you onboard your new device(s) or begin the Surface Mount installation process, start by preparing your chosen data connection.

Cellular Connectivity

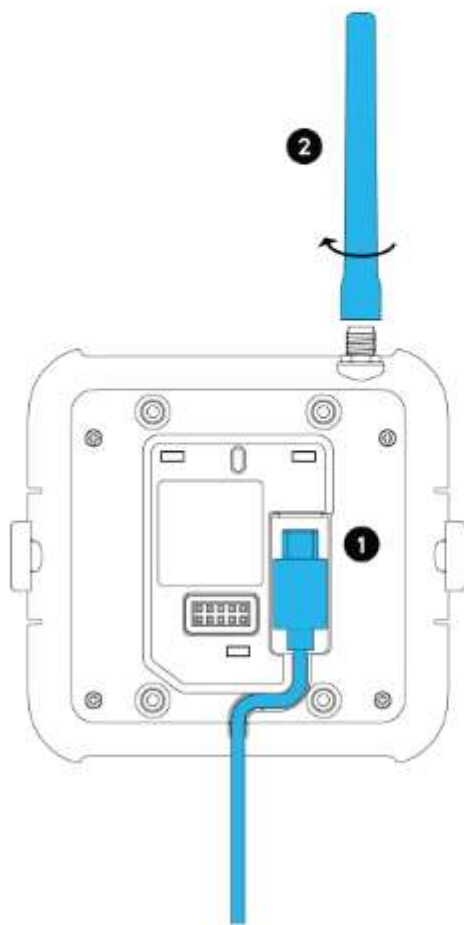
If you plan to connect your Awair Omni devices to a cellular network, begin by setting up your Cellular Gateway Router.

WiFi Connectivity

If you plan to connect your Awair Omni devices to a corporate or high-security WiFi network, [use this guide](#) to prepare your WiFi network to connect to Awair's servers before you begin the installation and onboarding process.

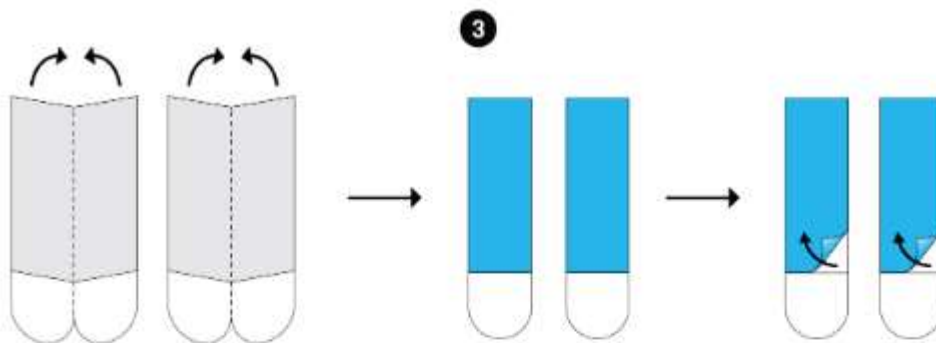
Assembling Your Surface Mount*

*For in-wall installations, follow the instructions provided in the [In-Wall Mount Kit Installation Guide](#).

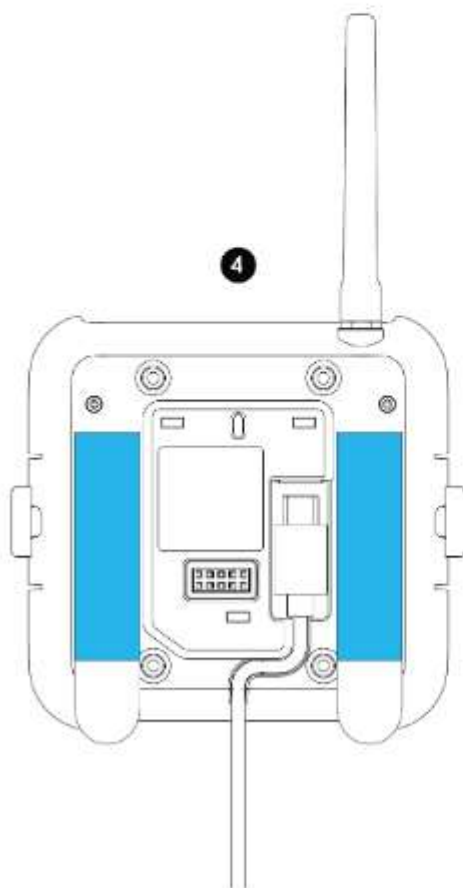


1. Plug the USB-C end of your Power Cord into the port on the back of the Surface Mount and fit the cord into the well that extends from the USB-C port to the bottom edge of the Surface Mount.

2. If you plan to use cellular for data connectivity, screw the LoRa Gateway Antenna onto the top of the Surface Mount as pictured.



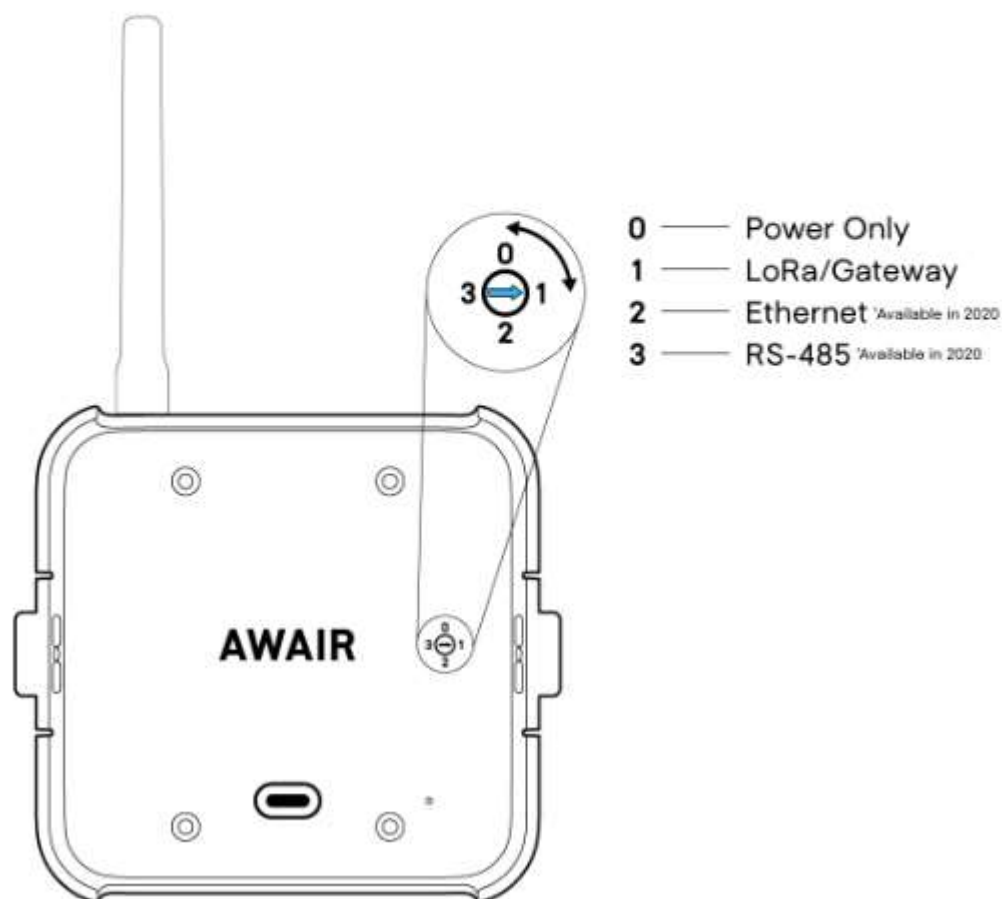
3. Fold your two pairs of Command Strips in half so that the velcro sides lock together and the sticker sides face outwards. Peel off the tape on one side of each Command Strip Pair.



4. Attach the sticky side of your Command Strip Pairs to the back of the Surface Mount as pictured. The tabs should extend over the bottom edge of the Surface Mount to ensure clean and easy removal/repositioning.

Data Mode Selection

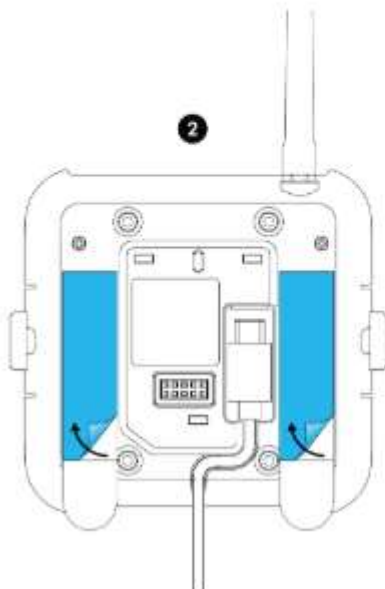
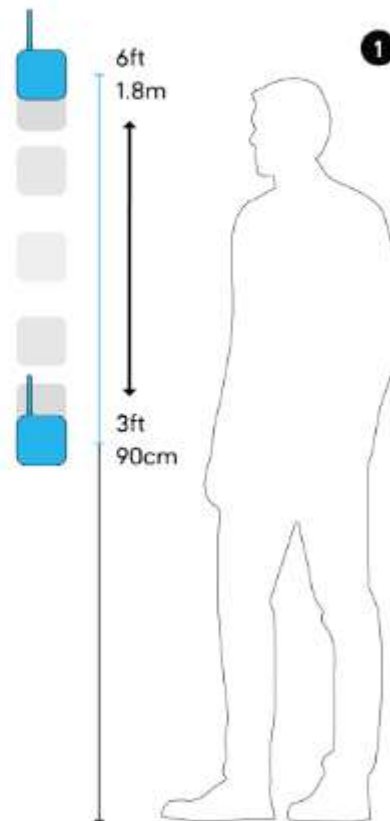
If you plan to use WiFi for data connectivity, use your 2mm Flathead Screwdriver to rotate the Mode Selection Switch counterclockwise so that the arrow is pointing at 0 (Power Only). For cellular data connectivity, make sure the Mode Selection Switch is pointing at 1 (LoRa/Gateway).



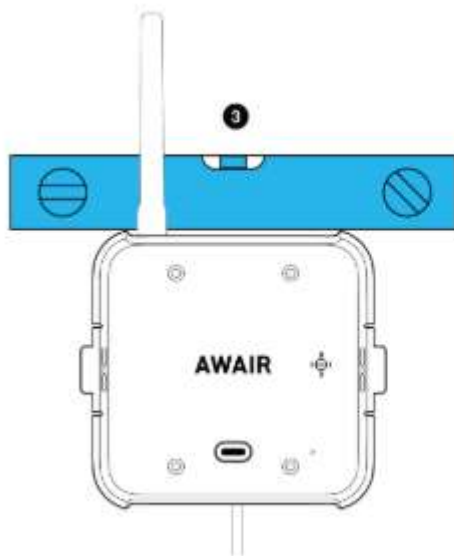
Mounting Your Device

1. Before hanging the Surface Mount, measure to ensure that your desired mounting location is in proximity to an electrical outlet. Devices should be mounted 3 to 6 feet from the ground (90 centimeters to 1.8 meters high) and at least 16 feet (5 meters) away from operable windows, air filters, and fresh air diffusers.*

*In areas where this is impossible, center your device between windows and place your monitor closer to air returns than air diffusers.



2. Once you've chosen a mounting location, peel the stickers off of the remaining two Command Strips attached to the back of your Surface Mount.



3. Use your level to help straighten your Surface Mount and press firmly into the wall to secure the Command Strips in place.

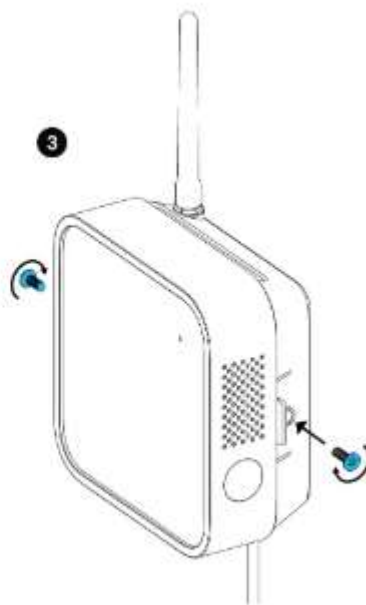
Powering & Securing Your Device



1. Attach the Outlet Power Adapter to the end of the Power Cord and plug it into the nearest electrical outlet.

2. Click your Awair Omni into the Surface Mount and press the power button on the right side of the device to turn it on. The LED light should blink to indicate that the device has power.

3. If you'd like to lock your Awair Omni device into the Surface Mount, use your 2mm Hex Screwdriver to screw the Security Screws into the holes on the right and left side of the Surface Mount, as pictured.



Product Specifications

Dimensions

Width : 6.06 Inches (154mm)

Height : 3.33 Inches (84.8mm)

Depth : 1.80 Inches (45.5mm)

Power

Input : DC 5V/2A

Output : DC 5V/2A

Wireless

LoRa (Long Range) Cellular

FCC

125KHz : 902.3MHz ~ 914.9MHz

500KHz : 903MHz ~ 914.2MHz

CE

125KHz : 863.1MHz ~ 869.9MHz

250KHz : 863.2MHz ~ 869.8MHz

Certifications



Model AWAOMNINWALL

FCC ID 2AF65AWAIRBKT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that the interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that of the receiver.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION: The user is cautioned that any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. FCC RF Radiation Exposure Statement:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body. This transmitter must be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions.

- 1) This device may not cause harmful interference, and
- 2) This device must accept any interference received, including interference that may cause undesired operation.

Support

support.getawair.com