



**Sentry**  
MINI

**QUICK START GUIDE**

[flywithsentry.com/mini](http://flywithsentry.com/mini)

## ① LED INDICATORS

### ADS-B

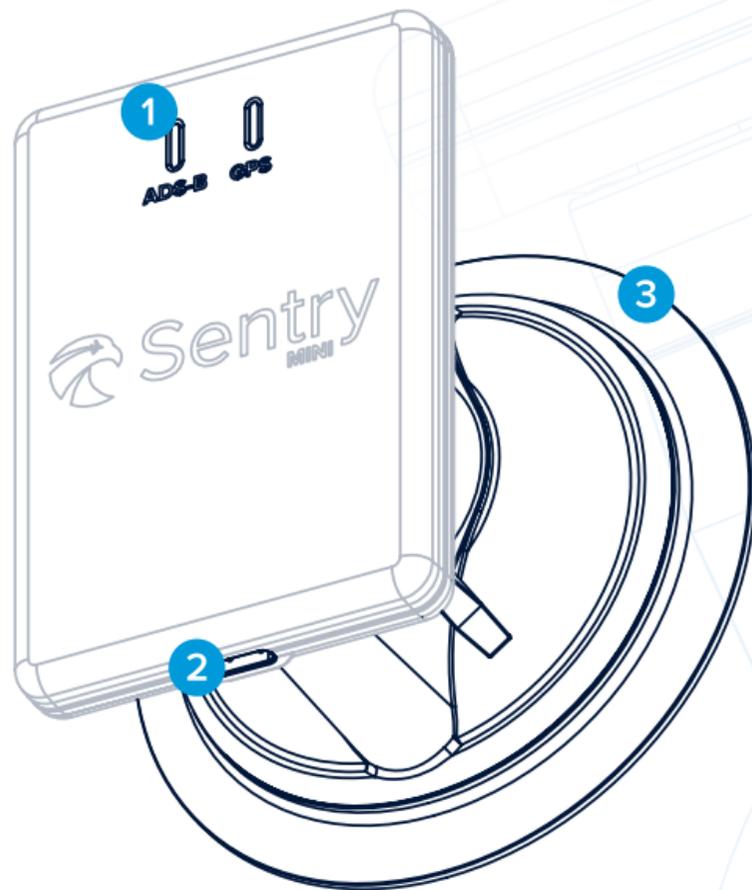
- Receiving from multiple towers
- Receiving from one tower
- No reception

### GPS

- Good fix
- Bad fix
- No fix

## ② USB-C POWER PORT

## ③ RAM<sup>®</sup> MOUNT WITH QUICK-RELEASE



## HOW TO MOUNT SENTRY MINI IN YOUR AIRCRAFT

Sentry Mini uses a RAM® suction cup mount with quick release, allowing you to easily detach Sentry Mini while leaving the mount in place.

For best performance, we recommend mounting Sentry Mini vertically on a side window with the LED indicators facing up. If no windows are available, you can also mount Sentry Mini on the dash with the LED indicators facing towards the nose of the aircraft.

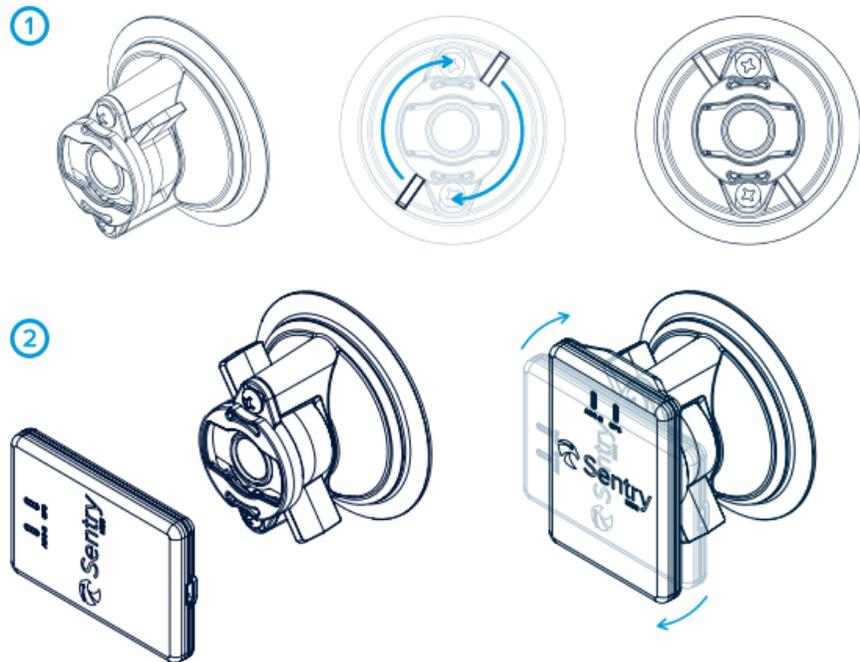
Do not leave the unit or mount installed in the aircraft in hot temperatures.

### STEP ①

Place the RAM® mount on the window with the screws aligned vertically, then rotate the tabs on opposite sides of the mount clockwise until they snap into place.

### STEP ②

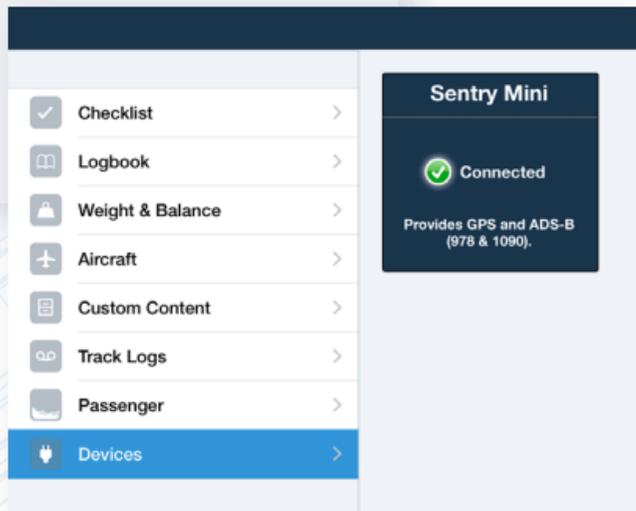
Attach Sentry Mini to the RAM® mount by aligning the quick release adaptor on the rear of Sentry Mini with the slot in the RAM® mount, then rotate Sentry Mini clockwise until it snaps into place.



2



3



## HOW TO CONNECT TO FOREFLIGHT

### STEP 1

Connect to an external power source to power ON Sentry Mini.

### STEP 2

Open the Settings app on your iPad or iPhone and go to Wi-Fi. Sentry Mini's Wi-Fi network name will be "SentryMini\_XXXX" where "XXXX" is a sequence of numbers and letters. Tap on the Wi-Fi network to connect.

### STEP 3

Open ForeFlight and go to More > Devices to confirm that Sentry Mini is connected. Tap the Sentry Mini icon to view detailed information about the connection and information being received.

## SENTRY MINI FEATURES

### Dual-Band ADS-B In Receiver

Displays weather and traffic in ForeFlight Mobile.

### Built-in WAAS GPS

Displays your GPS position in ForeFlight Mobile.

### Weather Replay

Onboard memory for animated weather replay in ForeFlight Mobile.

### Supports Up To 5 Devices

Share routes between connected devices with Cockpit Sharing.

### Easy Updates

Convenient over-the-air firmware updates via ForeFlight Mobile.

## ADS-B INFORMATION

Sentry Mini receives traffic information on both UAT (978 MHz) and 1090ES (1090 MHz). When in proximity to a ground station, Sentry Mini also receives FIS-B weather, NOTAMs, and TFR information. ADS-B ground station reception will usually not be available until airborne.

The traffic displayed by Sentry Mini may not represent all nearby traffic, based on ADS-B tower reception and the presence of ADS-B Out capabilities in your aircraft. Reception is dependent on a number of factors, including Sentry location, orientation, and aircraft configuration.

For FAQs and Support, visit:

[foreflight.com/support/sentry-mini](https://foreflight.com/support/sentry-mini)

## WHAT TRAFFIC TARGETS WILL I SEE ON MY IPAD?

### SCENARIO ①

You fly with a portable ADS-B receiver only (You have no ADS-B Out transponder installed).

You will see any aircraft that is transmitting ADS-B Out via air-to-air (no ground station required). Most aircraft do not have ADS-B Out, so this is fairly limited. You will not see Mode C targets.

### SCENARIO ②

You fly with a portable ADS-B receiver only (no ADS-B Out transponder installed), but now you are close to another aircraft that is ADS-B Out equipped.

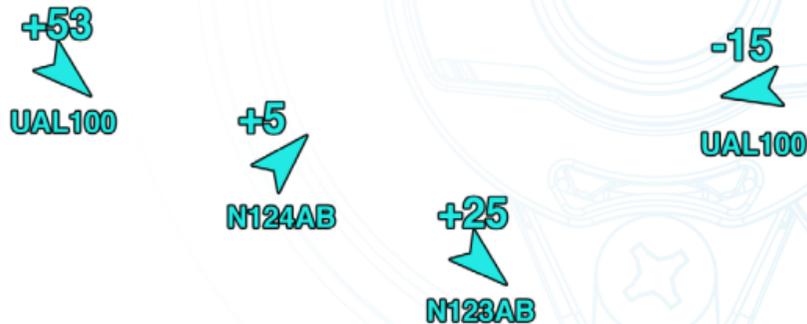
You will get a better traffic picture, although still not complete, by listening in on the other aircraft's 'hockey puck' (a 30 mile diameter ring extending 3500 feet above and below that aircraft).

You are more likely to see Mode C target information which is transmitted via the ground stations.

### SCENARIO ③

You fly with a portable ADS-B receiver and you have an ADS-B Out transponder in your aircraft.

This is the best scenario. You are transmitting to the ground stations and creating your own 'hockey puck'. You will see all traffic within a 30 mile diameter ring that extends 3500 feet above and below your aircraft.



*Sentry*  
MINI



Sentry  
MINI

[flywithsentry.com/mini](http://flywithsentry.com/mini)

MADE BY UAVIONIX FOR



ForeFlight