Sentry

QUICK START GUIDE

flywithsentry.com

① LED INDICATORS

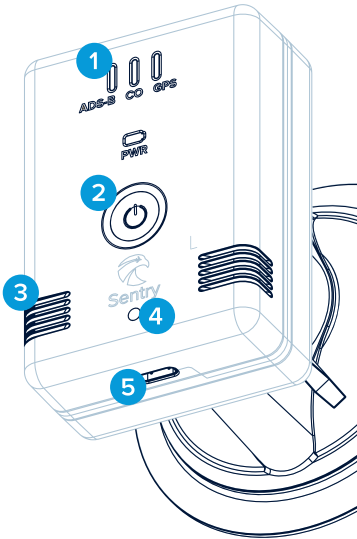
ADS-B
- Receiving from multiple towers
- Receiving from one tower
- No reception

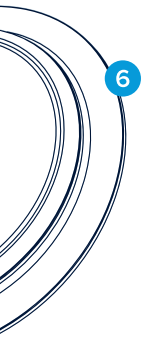
Carbon Monoxide (CO) Monitor
- Normal
- Caution
- Danger*

GPS
- Good fix
- Bad fix
- No fix

PWR
- Battery good (>30%)
- Battery low (<30%)
- Battery critical (<20%)

**Press power button to mute alarm.*





2 POWER BUTTON

3 VENTILATION POINTS

4 AMBIENT LIGHT SENSOR

5 USB-C CHARGING PORT

6 RAM® MOUNT WITH QUICK RELEASE

HOW TO MOUNT SENTRY IN YOUR AIRCRAFT

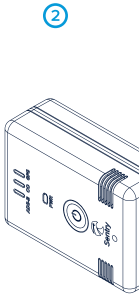
Sentry uses a RAM® suction cup mount with quick release, allowing you to easily detach Sentry while leaving the mount in place. For best performance, we recommend mounting Sentry vertically on a side window with the LED indicators facing up. If no windows are available you can also mount Sentry on the dash with the LED indicators facing towards the nose of the aircraft.

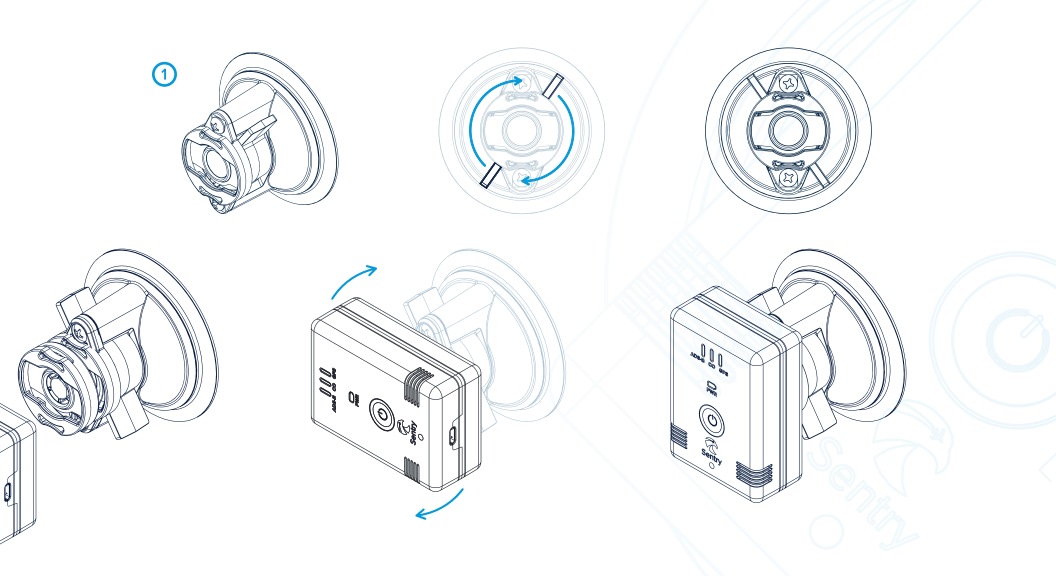
STEP 1

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.

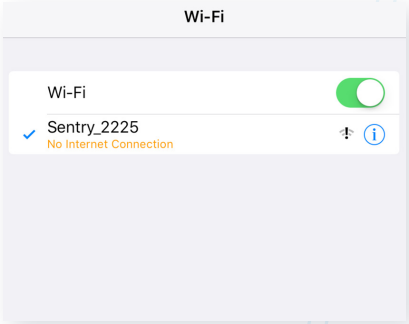
STEP 2

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

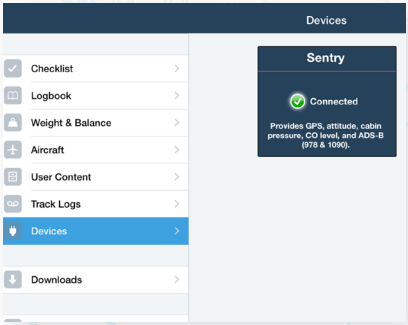



1

2


Wi-Fi
Wi-Fi
Sentry_2225
No Internet Connection

3


Devices
Checklist
Logbook
Weight & Balance
Aircraft
User Content
Track Logs
Devices
Downloads
Sentry
Connected
Provides GPS, attitude, cabin pressure, CO level, and ADS-B (978 & 1090).

HOW TO CONNECT TO FOREFLIGHT

STEP 1

Hold the Power Button until the PWR light illuminates to power ON Sentry. Holding the Power Button again will turn Sentry off.

STEP 2

Open the Settings app on your iPad or iPhone and go to Wi-Fi. Sentry's Wi-Fi network name will be "Sentry_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 is connected. Tap the Sentry icon to view detailed information about the connection and information being received.

SENTRY 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.

Backup Attitude (AHRS)
Powers Synthetic Vision in ForeFlight Mobile.

Carbon Monoxide Detector
Warns you of dangerous CO levels in the cabin.

Extended Battery
12 hours of continuous operation for long flights.

Pressure Altitude Sensor
Displays pressure altitude and cabin pressure 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 receives traffic information on both UAT (978 MHz) and 1090ES (1090 MHz). When in proximity to a ground station, Sentry 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 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**

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.

ForeFlight Pro-tip
In the ForeFlight More > Settings view, turn on “Hide Distant Traffic” to declutter the map by only showing traffic targets that are more relevant to your altitude.

Sentry
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ForeFlight