

STRATUS
by APPAREO

ADS-B IN/OUT

INSTALL. COMPLY. GO FLY.



2020 COMPLIANCE IN ONE BOX

Stratus is known for pilot-friendly, affordable technology that installs simply and performs reliably — so you can enjoy more hours in the air with fewer hassles. The Stratus lineup of TSO-certified ADS-B Out transponders delivers easy 2020 mandate compliance with simple and flexible solutions.

With or without WAAS GPS

Choose Stratus ESG for built-in WAAS GPS, or use Stratus ES with your existing navigator.

With or without ADS-B In

Stratus ESi and ESGi include a Stratus ADS-B In receiver. This receiver delivers proven situational awareness, and includes subscription-free weather, GPS information, backup attitude and ADS-B traffic — all integrated with ForeFlight Mobile for your iPad.



	STRATUS ES	STRATUS ESi
GPS Source	Navigator input	
2020 Compliance	X	X
ADS-B In Receiver		Included
MSRP	\$2,495	\$2,995

	STRATUS ESG	STRATUS ESGi
GPS Source	Built-in WAAS	
2020 Compliance	X	X
ADS-B In Receiver		Included
MSRP	\$2,995	\$3,495

All prices are in USD



PORTABLE CONNECT

Plug into the ultimate ADS-B experience. Maximize the signal strength of your receiver with the exclusive Portable Connect™ ADS-B antenna feedthrough. They're the only transponders that can share an external antenna signal with your portable receiver.

Portable Connect is a system wherein a signal received on the externally-mounted transponder antenna is passed through the transponder to a connector plate in the cockpit, where a portable ADS-B receiver can be plugged in. The signal collected by the external antenna is relayed to the portable receiver, greatly enhancing the signal strength of the receiver.

- ✓ Pick up more ADS-B ground stations — even at lower altitudes.
- ✓ Upgrade as receiver technology advances, and avoid costly panel work.
- ✓ Enjoy an unobstructed view. Portable Connect eliminates the need to mount your ADS-B In receiver on an aircraft window.
- ✓ Compatible with most ADS-B receivers.



- ✓ Portable Connect comes standard in all Stratus transponder models.

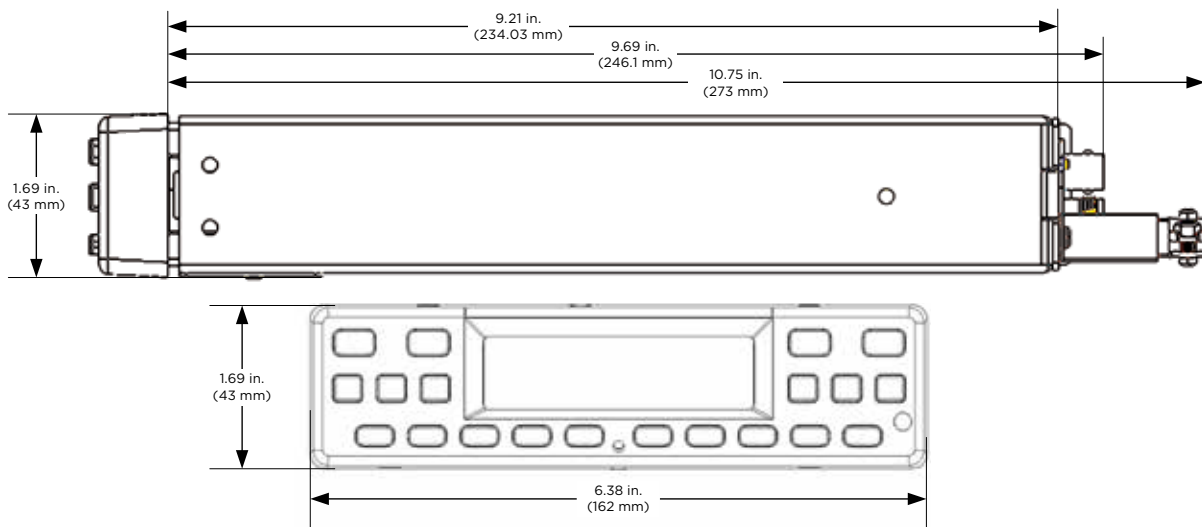
Looking for ADS-B In options?
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Technical Specifications

Software Compliance	DO-178B Level C
Hardware Compliance	DO-254 Level C
TSO Compliance (Stratus ESG/ESGi)	C112e (Level 2els, Class 1) C145d (Class Beta 1 GPS/WAAS) C166b (Class B1S)
TSO Compliance (Stratus ES/ESi)	C112e (Level 2els, Class 1) C166b (Class B1S)
Display	OLED
Transmitter Power	310 W
Bezel Height	1.69 in. (43 mm)
Bezel Width	6.38 in. (162 mm)

Depth	10.75 in. (273 mm) front of panel to connector backshell
Weight	3.29 lbs. (1.49 kg) including rack and connectors
Operating Temperature	-20°C to 55°C
Storage Temperature	-55°C to 85°C
Power Input	9.0 to 36.0 VDC, 15 W typical
Cooling Input	No fan required
Environmental Compliance	DO-160G

Dimensions



SIMPLE, LOW-COST INSTALLATION

The common 1.65-inch height of Stratus transponders ensures easy replacement of your existing transponder:

1. Replace existing transponder in panel.
2. Reuse existing GPS antenna (with Stratus ES/ESi), or install GPS antenna (included with Stratus ESG/ESGi).
3. Reuse existing transponder antenna.
4. Reuse existing altitude encoder.

DESIGNED, TESTED AND BUILT IN THE USA

Stratus products are engineered, tested and manufactured in the United States, giving pilots the most reliable ADS-B products on the market.

APPAREO

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