UAVIONIX

UAVIONIX TAILBEACONX MODE S ADS-B TRANSPONDER

The next era of global ADS-B. Compatible with space and ground-based ADS-B surveillance systems, tailBeaconX is a Mode S Extended Squitter ADS-B transponder and WAAS GPS integrated into an LED rear position light. With global compliance, tailBeaconX is the key to limitless destinations.

Specifications:

Physical Specifications:
• Width: 42.53mm • Height: 110.38mm • Depth: 112.75mm • Weight: 3.5 oz (100 grams) • Operating Temperature Range: -45°C to +70°C • Maximum Pressure Altitude: 60,000ft • Input Voltage Range: 9 to 33 VDC • 14V Current: 0.5A Max • 28V Current: 0.25A Max

Mode S Transponder Specifications:
• Transmit Frequency: 1090 MHz • Transmit Power: 54dBm (250W) • Receive Frequency: 1030 MHz • ATCRBS Sensitivity: -74 dBm • Mode S Sensitivity: -74 dBm

Position Light Specifications:
• Color: Aviation White • Intensity: 20 candelas

EXPERIMENTAL
Unit with AV-20 Control Head......................P/N 11-17912 .... ---

CERTIFIED
Unit Only...P/N 11-18363 .... ---
Unit with AV-30-C EFIS ....P/N 11-18367 .... ---

UAVIONIX TAILBEACON NAV LIGHT ADS-B OUT - TSO

uAvionix tailBeacon is the latest all-in-one ADS-B solution from uAvionix. Remove your standard rear position light and replace with the tailBeacon for ADS-B compliance. It is a 2020 compliant, near zero-install, Class B1S ADS-B UAT transmitter and WAAS GPS integrated into a rear position light. The power transcoder decodes replies from legacy Mode C and Mode S transponders. Available for Certified and Experimental aircraft.

Specifications: • Input Voltage - 11-31V DC • Operating Power - 3 Watts • 92x43x73mm • 70 grams • SDA/SIL - 2/3 • -45 to 80°C
P/N 11-17246 .... ---

UAVIONIX SKYBEACON 301 WINGTIP ADAPTERS

This adapter (UAV-301) allows installation of the skyBeacon TSO on a number of Cessna Aircraft.
LAV-301 Left..P/N 11-16946 .... ---

UAVIONIX SKYBEACON 302 PORT ADAPTER WINGTIP

This adapter (UAV-302) allows installation of the skyBeacon TSO on the following Cessna aircraft:
• 172L, 172M, 172N, 172P, 172Q, 172R, 172S • 172RG • 177B, 177RG • 182P, 182Q, 182R, 182S, 182T, R182, T182, TR182 • 180J, 180K • U206F, U206G • TU206F, TU206G
LAV-302 Left..P/N 11-18955 .... ---
LAV-302 Right ....P/N 11-16945 .... ---

VISIT OUR WEBSITE FOR AIRCRAFT AVAILABILITY.

UAVIONIX SKYBEACON NAV STROBE LIGHT / ADS-B OUT - TSO

skyBeacon is a 2020 compliant, near zeroinstall, Class B1S ADS-B UAT transmitter and WAAS GPS integrated into a wing tip position light. The power transcoder decodes replies from legacy Mode C transponders. 14 CFR §91.227 compliant. Smart phone configurable over WiFi. skyBeacon is a revolutionary new way to equip ADS-B. Simply replace your existing navigation light with skyBeacon and you are ADS-B compliant for 2020.
• 2020 Compliance
• Mounts in under 10 minutes
• Lowest total cost of ownership of any ADS-B Out solution
P/N 11-16531 .... ---

UAVIONIX SKYSENSOR TSO INTEGRATED WINGTIP ADS-B IN SYSTEM FOR CERTIFIED AIRCRAFT

skySensor, for certified aircraft, is the final piece for a complete skyBeacon installation. skySensor isn't just the aesthetic match for your right wingtip, it also includes a dual-band ADS-B receiver, static pressure sensor, and internal GPS. Easily receive traffic and weather via WiFi to GDL90 compatible EFB applications.
Note: skySensor Experimental has been discontinued and superceded to the skySensor TSO version. Homebuilt and experimental aircraft installations should now order and install the TSO version.
Features: • ADS-B In • WAAS GPS • Altimeter • LED Navigation Light • LED Anti-Collision (Strobe)
P/N 11-19766 .... ---

UAVIONIX PINGUSB DUAL-BAND ADS-B TRAFFIC RECEIVER

pingUSB is the world's smallest, lightest, and most affordable USB dual-band ADS-B receiver.
pingUSB receives ADS-B traffic on both 978MHz and 1090MHz, and delivers real-time position reports to your favorite EFB supporting the GDL 90 protocol, including ForeFlight Mobile, EasyVFR, AirMate, and Oz Runway.
In addition to Wi-Fi EFB capability, pingUSB provides a direct USB connection to PC based applications such as open-source Virtual Radar Server. pingUSB is plug and play compatible with the senseFly eMotion UAS Ground Control Station (GCS) software platform.
Features: • Tracks aircraft equipped with 978MHz and 1090 MHz ADS-B. • Easily integrates with Virtual Radar Server allowing identification and visualization of aircraft in real-time. • Low power consumption and a small/lightweight form factor make it ideal for any application. • Includes USB cable, software, and instructions for easy configuration. • Simple to set up and easy to use. • pingUSB does not process UAT FIS-B products such as weather radar, METARs or TAFs...P/N 11-19767 .... ---

APPAREO STRATUS EXTERNAL ADS-B ANTENNA

Stratus External ADS-B Antenna Kit - 5'
Includes Stratus 978MHz/1090MHz External Antenna, 5' cable and suction cups for mounting the antenna on your aircraft's windows. Works with all Stratus portables.
P/N 11-14672 .... ---