

Link do produktu: <https://airsup.eu/uavionix-tailbeaconx-exp-av-20-e-nav-ads-b-out-mfd-bundle-p-40142.html>



UAVIONIX TAILBEACONX-EXP + AV-20-E NAV V ADS-B OUT V MFD BUNDLE

Cena brutto	18 269,01 zł
Cena netto	14 852,84 zł
Kod producenta	UAX-TAILBEACONXEXPV20BUNDLE

Opis produktu

Overview

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.

Transponder Redefined

- Mode S ADS-B OUT Transponder
 - Mode S + ADS-B OUT Transponder meets airspace requirements worldwide.
- Integrated Certified GPS Receiver
 - tailBeaconX includes a certified SBAS GPS receiver and antenna. No additional GPS is required.
- Aireon Compatible
 - The tailBeaconX with integrated dipole antenna is specifically designed to maximize performance when tracked by the Aireon space-based ADS-B satellite constellation.
- LED Lighting
 - The integrated 20,000 hour rated LED position light ensures the tailBeaconX draws less power than your old incandescent bulb.

Think Outside the Airframe

tailBeaconX is the worlds first transponder designed as a rear position light replacement. The 1090MHz Mode S ADS-B OUT transponder satisfies the requirements for all existing and inevitable ADS-B regulations worldwide, especially those leveraging space-based ADS-B. Fly knowing no matter your destination, tailBeaconX will keep your aircraft connected.

World-Wide Coverage

tailBeaconX embraces the future, providing precision ADS-B data to the Aireon satellite network without the need for diversity antennas. When it comes to terra firma, tailBeaconX also exceeds the performance of traditional panel installed transponders that use belly mount antennas.

Less Ground Time - Easiest Install

tailBeaconX mounts in place of your existing rear position light. The GPS, space-based, and ground-based antennas are integrated in to the lens housing. No new holes or penetration of pressure vessels are required making tailBeaconX the lowest-hassle easiest install period.

More Than A Mandate

The AV-20-E and AV-30-E have been upgraded to include transponder control functionality! The tailBeaconX combined with the AV-30-E or AV-20-E multiplies your cockpit functionality while future-proofing your ADS-B system to meet current and inevitable mandates worldwide.

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

Control Interface Specifications

- Physical: RS232
- Baudrate: 2400 bps 81N
- Protocols: UCP, SL-70, STX165R

Control Head

tailBeaconX-EXP can be controlled by either an EFIS, the uAvionix AV-20-E or AV-30-E. The AV-30-E is a 3-inch feature-rich EFIS display, and the AV-20-E is a 2-inch multi-function display. Bundles are available with each of these units. Additionally, the following EFIS displays have the capability to send barometric pressure altitude data and control the mode and squawk functions of the tailBeaconX through any available RS-232 serial output:

Compatible EFIS Units

GRT

MINI-B
 MINI-AP
 MINI-X
 Sport EX
 Horizon
 iEFIS

MGL