VIAVI

OSPREY GPS Simulator

Portable GPS Position Simulator

OSPREY GPS SIMULATOR

An economical simulator with high-end test capability, ideal for validating the performance of GPS-enabled devices.

The VIAVI OSPREY (Operational Simulated Positioning for Real-time Evaluation of Systems) GPS Simulator provides static waypoints and dynamic routes to be simulated for avionics testing purposes.

Daily Almanac data can be seamlessly uploaded to the OSPREY, simplifying the process of ensuring a position lock for GPS Receivers.

OSPREY Standalone GPS Simulator

Features

- Global Avionics Test Set Support
- Fully Self-Contained
- Static and Dynamic simulations
- Automated Almanac upload process
- 18-channel configuration
- Real-time Transcoding
- Remote control interface via mobile application for both iOS and Android devices
- Single or Dual Coupler Configurations
- GPS signals simulated: L1

Benefits

- Verification of system installations
- Efficient ADS-B testing
- Train technicians on new avionics installs
- Train pilots on upgraded avionics prior to flight

Ordering Information

Versions and Options

Part Number	Description
22186199	OSPREY-1; GPS Simulator, Single Antenna
22186198	OSPREY-2; GPS Simulator, Dual Antenna

Physical Characteristics

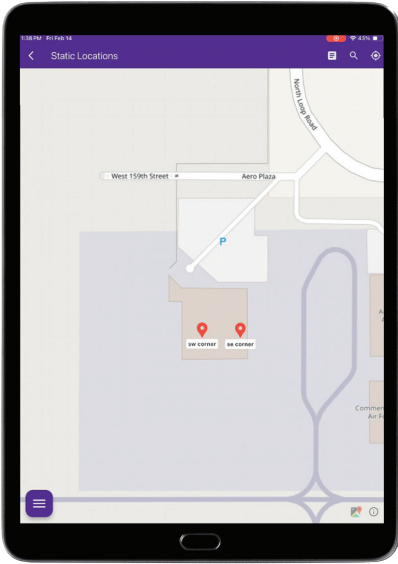| Dimensions	
Couplers	7.5 x 7.5 x 7 in (19 x 19 x 17.75 cm)
Carrying Case Single	10 x 9 x 9 in (25.4 x 23 x 23 cm)
Carry Case Dual	16 x 9 x 12 in (41 x 23 x 30.5 cm)
Weight	
Single Case	6.5 lbs (3 kg)
Dual Case	9 lbs (4 kg)

Fig 1: Remote application
home screen

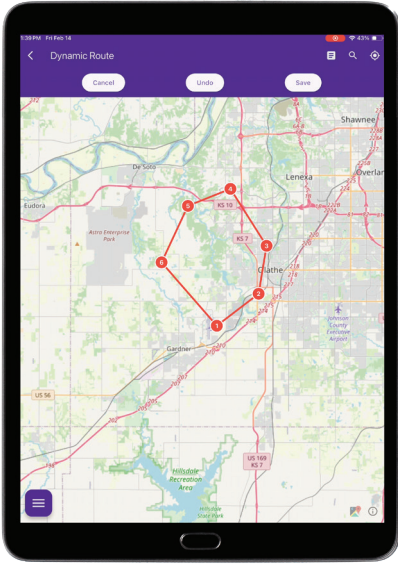Fig 2: Remote application
with static waypoints

Fig 3: Remote application
with dynamic waypoints

Fig 4: Dual coupler carrying case

Fig 5: Single coupler carrying case

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