



## FollowMe 1090 ADS-B Tracker

**AVIONIX**

**FollowMe 1090** represents a fully featured and cost-effective tracking solution for vehicles at airports, small aviation or drones. The tracker transmits continuously the GNSS position using ADS-B out technology. The tracker increases safety and prevents incursion between aircraft and vehicles. It provides increased situational awareness to air traffic control and is compatible with existing surveillance systems.

**FollowMe 1090** offers:

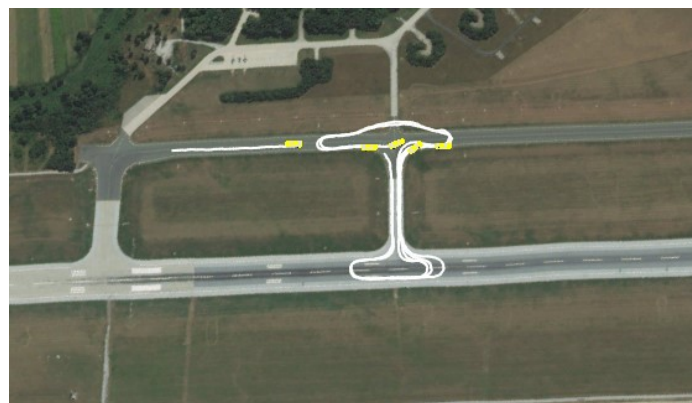
- High reliability, no moving parts
- GNSS module including 3D inertial sensors for high precise and stable localization
- Interoperability with ADS-B or multilateration systems from any vendor
- Pressure sensor for barometric altitude
- Encoding according DO-260B, Annex 10
- 1 to 25W peak power output on 1090MHz
- Improved situational awareness
- Small dimension and weight
- Low power consumption
- Version with integrated flash light beacon function
- Geo-fencing, stops transmission automatically outside defined areas
- Option to remote control functions of tracker through RF link





## Technical Parameters

Parameter	Value
Input Voltage	12-15VDC
Power Consumption	< 1W transmit only < 20W beacon lights on
Message Type	DO-260B, ADS-B, DF18
Message Rate	Annex 10, Vol. 4
Transmit Frequency	1090 ± 1 MHz
Transmit Power	1-25 W peak power configurable
Antenna	Integrated
GPS Receiver	GPS, GLONASS, Galileo and QZSS, 3D sensors
GPS Sensitivity	167dBm @Tracking, 149dBm @Acquisition
Callsign	configurable
Vehicle Category	configurable
24-bit ICAO Address	configurable
Geo-Fencing	configurable
Beacon flash patterns	configurable
Configuration Interface	USB
Dimensions (L x W x H)	150mm x 60mm x 70mm
Mounting	Magnetic or permanent
Environmental	-30 - 80°C



For information or demonstration  
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- **Software Development**
  - Flexible software solutions for airports and ATC
  - Surveillance Data Processing
  - ASTERIX Data Fusion, ED-129B Test Suite
- **Hardware Development**
  - RF Hardware Design
  - Mode-S/ADS-B/MLAT Receivers and Transmitters
- **ATC Spectrum Monitoring**
  - Airport Vehicle Transponder
- **Consulting, Project Management and Networking**
  - A-CDM, A-SMGCS, Airport Planning, AOCC
  - Support for Project, Offer and Tender Management