FollowMe 1090 Vehicle Tracker

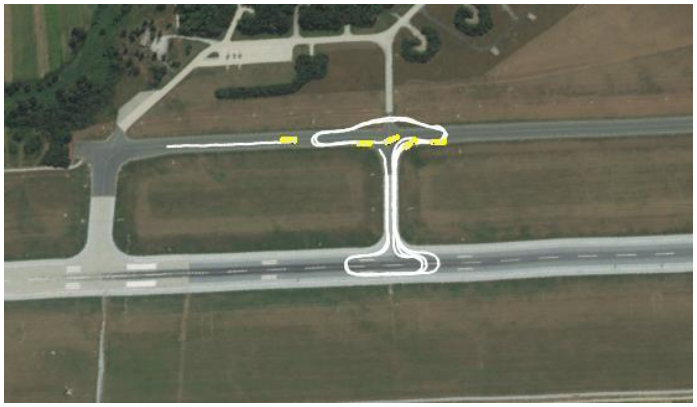
FollowMe 1090 represents a fully featured and cost-effective airport vehicle tracking solution. The tracker transmits continuously the vehicle position using ADS-B out technology. The vehicle tracker increases safety and prevents incursion between aircraft and vehicles. It provides increased situational 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
- Encoding according DO-260B, Annex 10
- 5-15W peak power output on 1090MHz
- Improved situational awareness
- Small dimension and weight
- Low power consumption
- Weather-resistant enclosure
- 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	5-15 W peak power configurable
Antenna	Integrated
GPS Receiver	GPS, GLONASS, Galileo and QZSS, 3D sensors
GPS Sensitivity	167dBm @Tracking, 149dBm @Acquisition
Vehicle ID	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



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  - ASTERIX Data Fusion, ED-129B Test Suite
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