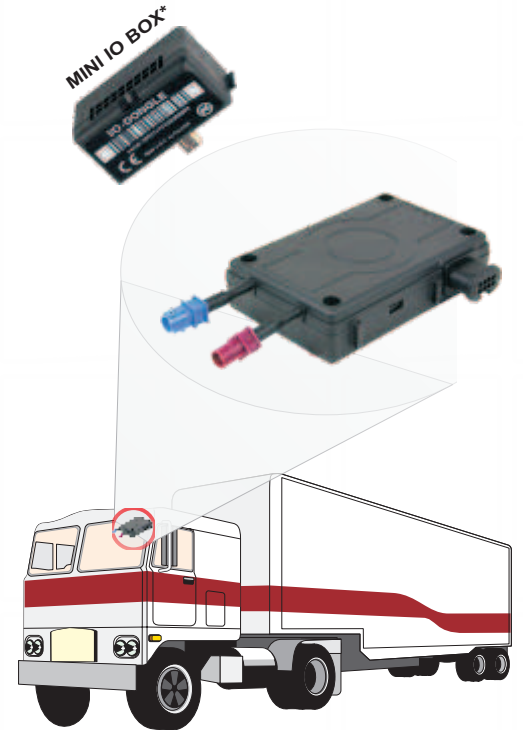


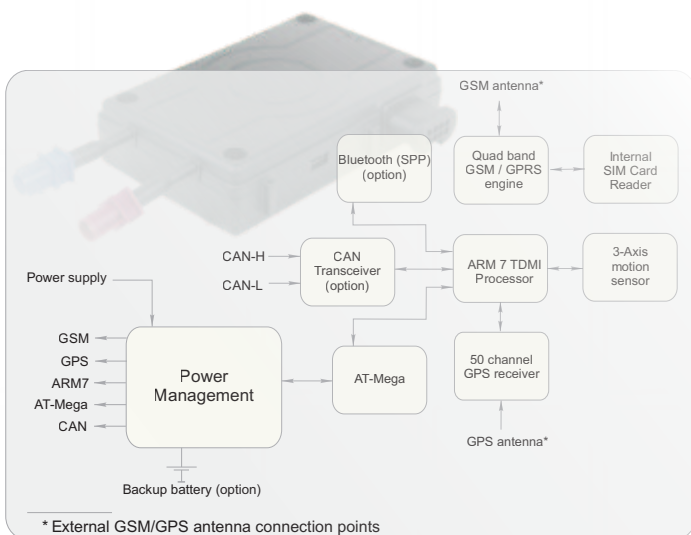


## PRODUCT OVERVIEW

FOX-EN is a free configurable smart tracking device which can be fully adapted to user requirements. Its main purpose is to act as a mobile client for various system solutions like AVL, fleet management, vehicle security and recovery. The device can operate fully autonomous and it is able to interact using sensors and actors. It can be adapted to existing tracking solutions and can be easily configured to gather or exchange relevant information with servers or users directly. An often used example is to send status reports or verbose alert messages directly via SMS to users and/or via TCP to tracking servers. Users benefit most from combining comfort and security aspects: for example having regular voice calls as well as spy calls in emergency cases. Drivers logbook and data logging functionalities are combined in the history feature. Geofencing can be used to report violations of predefined routes or areas (for example if a car enters or leaves a specific area/no-go-zones). All of these features are perfectly integrated in a device concept which significantly reduces time-to-market and provides low cost tracking and security solutions.



## FOX-EN-AU/US BLOCK DIAGRAM



## PRODUCT HIGHLIGHTS

- GSM/GPRS technology for 2-way communication
- Latest GPS technology for positioning
- Compact, low-cost, low power and light-weight unit
- Delivers high performance and very flexible applications
- Customized firmware configuration
- Different communication channels
- Multi-function I/Os
- 3D accelerometer detecting movements of assets
- Wide variety of events and states for sending reports
- Allows to create customized protocols
- Data-Logger functionality
- Powered from vehicle main battery
- Backup battery\* to back up the main power supply
- Custom housing and packaging design possible
- RFID and sensor-based application
- Wireless communication via Bluetooth® (SPP)\*
- CAN/FMS interface\*, OBD II (On-Board Diagnostics)\*
- Expandable via MINI IO BOX\*
- Connection points for using different GSM/GPS antennas
- E1/CE approved



## TECHNICAL SPECIFICATION

### General

Quad-Band GSM/GPRS engine  
GSM frequency bands : 850/900/1800/1900 MHz  
GPRS class 10, Class B

50 channel GPS engine  
A-GPS online / Autonomous  
Protocols: NMEA, FALCOM (binary)

### Physical characteristics

Dimensions (LxWxH): 100 mm x 65 mm x 24 mm  
Weight: approx. 105 g

### Interfaces

3 x digital/analog IO ports free-programmable  
1 x predefined digital input (Ignition)

