WORLDTRACK

Real-time tracking of anyone & anything – anywhere at anytime

Worldtrack is a 24/7 – 365 days a year embedded tracking and data reporting system designed for real-time localisation and protection of your mobile assets in the air, on land and at sea.

Tracking anywhere
Based on GSM and Iridium satellite communications networks, Worldtrack is ideal for tracking and monitoring your vehicles, vessels, aircrafts, goods and personnel wherever they are in the world. Worldtrack delivers data efficiency and pertinent tracking reports thanks to the user defined configuration mode and the inbuilt motion detector that starts tracking only when the asset is in motion.

Worldtrack provides maximum flexibility and secures operations even in high-density urban environments as well as in remote locations where terrestrial telecommunications networks are inadequate or unavailable. Worldtrack offers a complete dual GSM/satellite mode where the tracking unit automatically switches to the satellite network if GSM is not available. This low cost routing combined with advanced data string compression provides accurate and cost effective GPS positioning and data transmission in a single system.

Alert system
Worldtrack ensures the safety of your transport and offers an emergency feature that can be activated by pressing one of two panic buttons on the device. An immediate alert is issued by SMS or e-mail providing identity, time and location of the SOS.

Compact and autonomous
Easy to use, Worldtrack is a compact tracking unit offering simple mounting with embedded battery and antennas. Worldtrack is built upon the ULPC (Ultra Low Power Consumption) technology that ensures optimised operation times and long battery life. With an external power supply, Worldtrack has no transmission limits.

MARITIME

LAND

AERO

Key Benefits

- **Global**: Vehicle, asset and people tracking anywhere in the world
- **Efficient**: Tracking only starts when motion is detected
- **Cost-effective**: Dual GSM/satellite mode for least-cost network routing and data transmission
- **User-friendly**: Simple installation and easy to use
- **Safe**: Features manual alarm system for immediate assistance
- **Complete**: Full turn-key tracking management solution

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Coverage

Worldtrack is available in 3 versions:
- GSM (SMS/GPRS) for high-density urban environments
- Iridium satellite (SBD) for desert, marine and aeronautical environments
- GSM/Iridium dual mode where the device automatically selects the most suitable available network in the area.

Features

Tracking
- GPS position recording with user defined setting mode: preset frequencies within and outside predefined geographical zones, entry/exit of zones
- 150 possible waypoints
- Speed control within specific zones
- Integrated ultrasensitive motion detector activates the tracking
- Sleep mode is activated when the asset is stationary
- Auto switching between active operation and sleep mode

Memory
- FIFO memory with internal storage capacity of 17,200 positions and status information (SBD)
- Configurable frequency from 15 seconds to unlimited

Alert System
- 2 user-configurable shortcut buttons that can be used in emergency situations or for other purposes as a start/stop trip identifier etc
- Manual alerts can be visualised on a web tracking platform and are entirely configurable towards SMS or email addresses

Tracking platform

A complete tracking and management solution with administration, monitoring, mapping, geofencing and reporting

Specifications

Bulk
- Black ABS case
- Dimensions: 127x50x37 mm/5.00x1.97x1.46 inches
- Weight: 276 g
- IP67 shock-resistant and waterproof compliant

System
- GPS U-blox 6 module
- GSM quad-band module*
- Iridium 9602 SBD Data modem*
- Embedded GSM/Iridium/Radio and GPS antennas*

Environment
- Operating mode: -30°C to +60°C/-22°F to +140°F
- Storage: -40°C to +85°C/-40°F to +185°F

Power supply
- Embedded battery Li-ion 2.6Ah and Li-ion charger
- Autonomy on battery: 500 positions.
  No limit in transmission with external power supply
- Optional external power supply: Input DC 6-37V

Accessories and options

- Delivered with transportation box, watertight gasket, operating instructions, power cable, configuration software, screw-driver*
- Optional bracket with damping system
- Optional charger 220 V
- Optional goniometry for fine and accurate radio localisation in harsh environments (915 MHz). The directional Yagi long range aerial is recommended
- Optional long-range radio tags for remote data collection as well as emergency management (sensors, temperature, and zoning)
  * Depending on version

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