

Smart
portable magnet
tracker



General description:

X-MAGNETIKA is a smart portable magnetic GPS/GLONASS & GSM/GPRS tracking device, with compact size and magnetic basement for easy fixing on metal surfaces. It comes with built-in superior GPS/GLONASS & GSM/GPRS modules, efficient capacity Li-Ion battery, ultra-low standby power consumption and waterproof casing for outdoor environment.

X-MAGNETIKA provides the best choice to your GPS tracking applications, with its reliability, convenience and flexibility.

Moreover, thanks to GPRS channel, it guarantees high-level performance maintaining low the operating costs.

Moreover, the unit is able to detect abnormal radio disturbance (e.g. Jamming), reducing vehicle steals attempts.

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No installation is required. It does not manage Voice calls.

Package list:

- Portable magnetic tracker with built-in Gemalto GSM/GPRS dual-band module and Ublox dual-mode GPS/GLONASS receiver
- Li-Ion rechargeable battery (5200mA/h)
- Built-in GSM and GPS/GLONASS antennas
- AC charger (AC 100/240V)
- Waterproof charging panel with removable screw
- Magnetic basement for easy fixing

Specifications:

- Size: 102 x 47 x 45mm. Weight: 280gr (battery included)
- Operating temperature: from -20°C to 80°C
- Rechargeable battery: 5200mA/h Li-Ion (3,7Vdc) – up to 8 months of autonomy in "deep sleep mode" (based on 1 position report per day without extra charge)
- Full charging time: 8h (typical)
- The battery life of the device depends on the working configuration and on the outdoor conditions where it's used. In good environment conditions and with full battery the device can stand for:
 - . one position every 60 seconds > 48 hours of autonomy

- . one position every 30 minutes > 1 week of autonomy
- . one position every 60 minutes > 2 weeks of autonomy
- . one position every 8 hours > 4 months of autonomy
- . one position every 12 hours > 6 months of autonomy
- . one position every 24 hours > 8 months of autonomy
- Power consumption: in "operating mode" (GPS, GSM, G-Sensor ON and GPRS in transmission) <80mA; in "idle mode" (GPS and GPRS OFF, GSM and G-Sensor ON) <26mA; in "sleep mode" (GPS, GSM and GPRS OFF, G-Sensor ON) <7mA
- GSM/GPRS and GPS/GLONASS Status LED
- Gemalto GSM/GPRS dual-band module with built-in antenna
- Communication channels: SMS and GPRS (TCP/UDP)
- GSM and GPRS channels simultaneously
- Unit programming by USB, SMS or GPRS
- SIM card PIN code protection
- 5 VIP SMS numbers
- Sophisticated power saving mode setting (separate setting for both GSM and GPS modules)
- Mileage Counter (by GPS/GLONASS)
- Roaming setting (On-Off)
- Real time Tracking and Logging (Time, Distance and/or Heading)
- Daily Timer report (up to 24 pre-defined Timers per day)
- Low battery report
- Wake-up on movement and Entering sleep mode reports
- Speed limit report (by GPS/GLONASS)
- Removal unit report (Detaching) and Replaced unit report (Attach)
- Jamming function
- Magnetic base for easy fixing on metal surfaces
- High sensitive Ublox GPS/GLONASS dual-mode receiver with built-in antenna
- Journey logging up to 80,000 fixes
- Built-in G-Sensor (adjustable sensitivity by remote)
- Unit password setting (for Control Base Station only)

Directives and conformities:



Directive RED 2014/53/EU