

twig™

TWIG Asset Locator

Care and control

The Powerful Tracking Device

The compact and water-proof device can be thrown in or clicked on, quickly as the situation arises.

Up to 10 months of uninterrupted watch can be kept, thanks to a powerful 2600 mAh rechargeable battery and selectable operating modes.

The TWIG Asset Locator is a GPS/GPRS tracking and monitoring device designed to protect and locate mobile assets such as vehicles, trailers, machines and boats.

When situation on ground requires close monitoring, get GPS and TWIG Beacon position update to central station every few seconds and listen in to audio.

Fully remotely configurable and controllable, the TWIG Asset Locator is fast to deploy and flexible to operate. It is also programmable by USB cable, including batch processing with pre-compiled configuration file.

TWIG Integrator Kit resources enable integrating TWIG devices with central station systems. Optionally the TWIG WebFinder SP software provides a turn-key solution for testing or deployment. Or simply locate TWIG device by selecting on a smart phone a SMS [web link](#), opening up Google maps view.

Application examples

- Anti-theft
- Asset tracking
- Surveillance

Anti-theft

Protect vehicles, motorbikes, construction machinery, trailered boats, caravans and outboard engines. Transmit automatic alarm if motion is detected* or predefined inclusion zone is exited.

Asset tracking

Monitor GPS location, speed and heading of cars, delivery vans, mobile cranes, trailers and boats (inshore only).

Surveillance

Set inclusion or exclusion zone and motion alerts. Get real-time GPS location information. Call and listen in to audio to improve situational awareness.

Up to 300 days battery life

Select an operating mode:

- Motion watch*: 10 months**
- Daily GPS report: 9 months**
- Once a minute GPS report: 55 hours**

Waterproof

- Dust and water proof per IP67
- Ready for use in most environments

Small yet powerful

- 108 grams
- Magnetic mounting*
- AGPS**** / TWIG Beacons*

Key monitoring features

- GPS / Beacon* tracking
- Motion alert*
- Geofence
- Listen-in



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TWIG Asset Locator

GSM/GPRS & GPS DATA SHEET

Compatibility and communication

TWIG Asset Locator can communicate with all systems using MPTP (Mobile Phone Telematics Protocol) both SMS and GPRS. Tracking and alert messages include information on GPS location, speed, heading and battery charge.

Provisioning and security

- Remote or local configuration
- Authorisation of remote access

Mechanics

- Shock resistant
- Waterproof (IP67)
- Magnetic mounting*

Ease of use

- Power On/Off
- LCD indicator display

Key telematics functionality

- GPS tracking
- Motion alert*
- Geofence
- Listen-in

Brief technical specification

- Dimensions: 24mm x 47mm x 99mm
- Weight: 108g including battery
- Quad-band GSM/GPRS (850/900/1800/1900)
- Built-in GSM and GPS antennas
- Operating temperature -20°C..+50°C***

GPS

- High performance receiver
- Accuracy ~5m, 95% of time (open sky)
- Acquisition rate (open sky, stationary)
 - cold start 45sec (typical)
 - warm start 38 sec (typical)
 - hot start 2-8sec (typical)
- Motion based GPS control*
- AGPS****

Operating time

- Rechargeable 2600 mAh lithium battery
- Typical operating times, GPRS reporting**
 - 9 months (1 GPS report / day)
 - 8 months (motion watch, 1 reconnect/day)*
 - 15 days (1 GPS report / hr)
 - 8 days (1 GPS report / 10 min)
 - 55 hours (1 GPS report / min)
 - 17 hours (1 GPS report / 5 sec)
 - Up to 50 days (GSM standby only)
- Recharging time***: < 6 hrs for 100 %

Sales package consists of

- TWIG Asset Locator GPS/GPRS unit
- Integrated 2600 mAh battery
- Charger of choice (mains/car)
- Printed quick guide

Options and accessories

- Motion detection
- Magnetic mounting
- TWIG Beacon tranceiver
- Car holder
- Car charger
- USB programming cable

