

TWIG Protector EasyP / EasyS

The Powerful Personal Safety Alarm

TWIG Protector Easy 3G*/GPS/GSM safety device is designed to protect lone workers, the vulnerable and those needing care.

Alert triggers include alarm button, automatic ManDown function and optional TWIG Button wireless alarm. Predefined emergency protocol transmits last known user position and opens two-way voice connection to alarms receiving centre (ARC).

High-performance GPS receiver with turn-key AGPS feed is complemented with TWIG Beacon indoor location*.

The compact device is rugged and IP67 water proof, providing ease of mind for the user and unparalleled life cycle economies for the administrator.

TWIG Protector EasyP has 2600 mAh battery capacity, unparalleled in the market, for extra long operating times. TWIG Protector EasyS features slim design yet achieves excellent operating times even in continuous GPS monitoring.



Lone worker protection

Duty of care requires employers to give lone workers means to alert help. Depending on risk assessment, a dedicated alarm device may be required.

- Automatic ManDown function can trigger alert if user is incapacitated.

Attendance monitoring

Register attendance by swiping TWIG Tags.

Personal protection

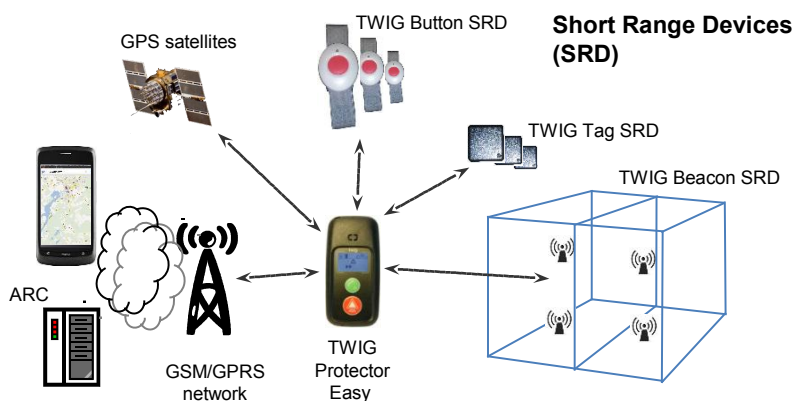
Whether VIPs or loved ones, TWIG Protector improves safety through panic button, two-way voice and GPS tracking, even in real time.

Telecare

Telecare solutions powered by TWIG enable those with long-term care needs to enjoy more independent and active lives. A discreet wireless wrist alarm and docking station turn the TWIG Protector into a home care unit.

Efficient deployment

Fully remotely configurable, TWIG is fast to deploy and flexible to operate. Also USB programmable, either manually or using saved file.



Alarms monitoring and tracking

TWIG Integrator Kit resources enable integrating TWIG devices with alarm receiving centre.

Optionally the TWIG WebFinder SP software provides a turn-key solution for testing or deployment.

Or receive alarms and reports on your smartphone as SMS with [web link](#), opening up Google Maps view.

Short Range Devices (SRD)

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TWIG Protector EasyP / EasyS

3G*/GSM/GPRS & GPS DATA SHEET

Compatibility and communication

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

Provisioning and security

- Remote or local configuration
- Authorisation of remote and local access

Mechanics

- Water proof (IP67)
- Shock resistant

Ease of use

- Dedicated ergonomic SOS button
- LCD display with guiding symbols
- Preprogrammable Quick dial / status key
- Answer / End call
- Power On/Off

Key telematics functionality

- Alert through SOS button
- Automatic ManDown alert (tilt, non-motion)
- Two-way GSM voice with speaker option
- Device and user status messages
- GPS / TWIG Beacon* tracking
- Geofence

Brief technical specification

- Dimensions: 24mm x 47mm x 99mm
- Weight: 108g including battery
- Quad-band GSM (850/900/1800/1900)
- 5-band 3G (800/850/900/1900/2100MHz)*
- Built-in GSM and GPS antennas
- Operating temperature -20°C..+50°C**

Operating time

- 2600mAh (EasyP) / 1350 mAh (EasyS) rechargeable Li-ion battery
- Typical operating times, GPS/GPRS reporting**
 - 14 days / 9 days (1 GPS report / hr)
 - 8 days / 5 days (1 GPS report / 10 min)
 - 52 hrs / 33 hrs (1 GPS report / min)
 - 16 hrs / 10 hrs (1 GPS report / 5 sec)
 - Up to 50 days / 30 days (GSM standby only)
- Recharging time*** < 6 hrs / 3,5 hrs for 100%

GPS

- High performance 48-channel receiver
- Time to first fix: Hot start 1 s; cold start < 35 s
- AGPS feed: Extended ephemeris over GPRS
 - Configurable opt-out and roaming block
- Extended ephemeris on-board generation
- Motion based GPS control

Sales package consists of:

- TWIG Protector EasyP/S GPS/GSM unit with integral battery
- Charger of choice (mains / car)
- Quick guide

Options

- TWIG short range devices (SRD) tranceiver

Accessories

- Desk recharging dock (Easy S only)
- TWIG Beacon SRD indoor/outdoor location unit*
- TWIG Button SRD external wireless alarm button*
- TWIG Tag SRD active RF tag*
- Leather carrying case
- Car charger + car holder
- USB programming cable



TWIG Protector EasyP

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