

TWIG Protector

The Complete Personal Alarm



TWIG Protector is a complete 3G/GSM/GNSS personal alarm device designed to protect lone workers and those needing care.



Dedicated alarm device

- ManDown++, Amber alert
- SOS key for panic situations
- IP67 waterproof



Small and efficient

- 4 speed dial keys
- LCD display with guiding symbols
- 2-way voice



Agile communication

- Interactive on-screen messages
- Pre-programmed one-touch status messages
- One-touch voice calls



Location fusion

- Using all means to find the person in distress
- TWIG Point Netloc and TWIG Point AGPS
- TWIG Beacon SRD on-site locating devices



TWIG life cycle economies

- Support services
- Engineered and manufactured in-house by TWIG



Remote device management

- TWIG Point Remote Configurator
- Saves time and money in customer support

Dedicated lone worker alarm

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.
- When entering a risky situation, enhanced monitoring can be requested with Amber alert. It can trigger alert in ARC also in absence of GSM connection.****



Efficient deployment

Remote configuration makes TWIG device fast to deploy and flexible to operate. Also USB programmable, either manually or from file.

Alarms monitoring and tracking

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

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

Alarms and reports can also be received on smartphone as SMS with web map link.

Attendance monitoring

TWIG personal alarms register attendance by swiping TWIG Tag RF identifiers.

TWIG Protector

Technical specification (TUP92EU)

Compatibility and communication

- Communicates with all systems using MPTP (Mobile Phone Telematics Protocol) both SMS and GPRS.
- Tracking and alert messages include information on GPS / TWIG Beacon locating devices, speed, heading and battery charge.

Provisioning and security

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

Mechanics

- Dimensions: 20 mm x 45 mm x 94 mm
- Weight: 89 g including battery
- Waterproof (IP67) and shock resistant

Key telematics functionality

- Manual alert through SOS key
- ManDown++ alarm with four automatic alert triggers: device orientation and non-movement, free fall and impact
- Two-way 3G/GSM voice with speaker
- Device and user status messages
- Interactive on-screen messages
- GPS / TWIG Beacon SRD tracking*
- Geofence

Key technical features

- Quad-band GSM (850/900/1800/1900 MHz)
- 5-band 3G (800/850/900/1900/2100 MHz)
- Built-in GSM, SRD and GNSS antennas
- Operating temperature -20° C +50° C

Operating time

- Rechargeable 1350 mAh Li-ion battery
- Typical operating times, GPS/GPRS reporting**
 - 9 days (1 GPS report / hr)
 - 5 days (1 GPS report / 10 min)
 - 33 hours (1 GPS report / min)
 - 10 hours (1 GPS report / 5 sec)
 - Up to 12 days (GSM standby only)
- Recharging time*** < 4 hrs for 95 %

GNSS

- High performance 48-channel receiver
- Multi constellation GNSS receiver (GPS, Glonass, Galileo and BeiDou)
- Time to first fix: Hot start 1 s; cold start < 35 s
- Configurable opt-out and roaming block
- Extended ephemeris on-board generation
- Motion based GPS control

Display and keys

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

Software and resources

- TWIG Configurator PC app
- TWIG FirmwareLoader PC app
- TWIG WebFinder monitoring SaaS
- TWIG Integrator Kit for ARC integration

Sales package content

- TWIG Protector personal alarm device with integral battery
- Charger with adapter of choice (EU/UK/AU)
- User and safety documents

Optional device features

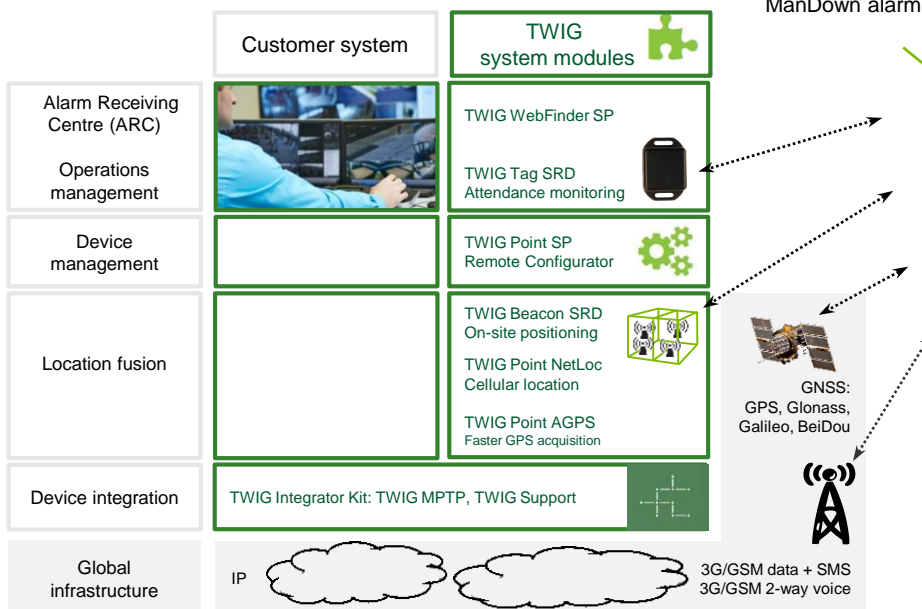
- 3G Mobile Network*
- SRD (short range device) compatibility*

Accessories

- TWIG Beacon SRD locating device*
- TWIG Button SRD wireless alarm*
- TWIG Tag SRD RF identifier*
- TWIG Door Sensor SRD*
- Charging station
- Carrying case

TWIG Point Services

- Remote Configurator: turn-key service to manage all device settings over the air
- Netloc: turn-key cellular location service
- AGPS: turn-key service to speed up GPS



Quick dial
Status
Amber alert
ManDown alarm



SOS key

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Product images are indicative only. Twig Com reserves right to change all information without prior notice. Communication is only possible within mobile network coverage. *Optional device feature. **Operating times may vary substantially depending on environment. ***Charging only above 0°C and below 40°C. ****Requires appropriate central station implementation. TWIG is a registered trade mark of Twig Com Ltd. More information: www.twigcom.com

