

TWIG Embody is a wearable 3G*/GSM/GNSS* personal alarm device designed to adapt for multiple lone worker and personal safety needs by providing a scalable device, practical wearing solutions and turn-key modules for integrating the overall personal safety system.



Dedicated alarm device

- ManDown++, Amber alert, Rip alarm
- · Ripcord and SOS key for panic situations
- · 2-way voice



Wearable for every risk situation

- ID card holder, pendant, embedded in clothing
- IP67 waterproof



TWIG life cycle economies

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



Small and smart

- Plain text On-Screen Messages
- Clock and graphical display
- · Vibrating indications



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



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.****

Attendance monitoring

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

Telecare

Telecare solutions powered by TWIG enable those with long-term care needs to enjoy more independent and active lives.



Personal protection

TWIG alarm improves safety through SOS key, two-way voice and GPS* tracking.

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.





- · Horizontal and vertical wearing options
- · Quick user quide
- Software and Services leaflet
- Attachable ID card holder for ID badge



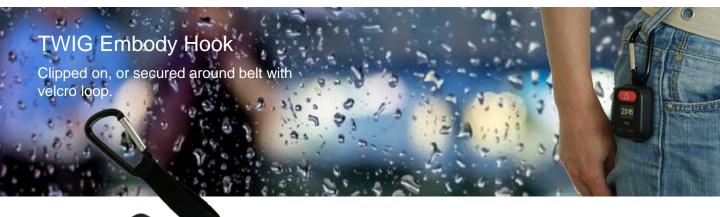


Sales package content

- TWIG Embody personal alarm device with integral battery
- · Mains charger with adapter of choice
- Quick user guide
- Software and Services leaflet
- · Carrying strap including ripcord

Wearing

- · Lanyard including ripcord
- Easy to carry with
- Triggers rip alarm if detached by force



Sales package content

- TWIG Embody personal alarm device with integral battery
- · Mains charger with adapter of choice
- · Quick user guide
- Software and Services leaflet
- Carbine hook
- Velcro loop

Wearing

- Carbine hook
- Velcro loop to secure around belt
- · Attached to bag or clothing



Wearing

- Safety watch
- Always at hand
- · Quick to activate in case of emergency
- · Not compatible with TWIG Tag

Sales package content

- TWIG Embody personal alarm device with integral battery
- · Mains charger with adapter of choice
- · Quick user guide
- · Software and Services leaflet
- Wrist band



TWIG Embody Clip Clipped on belt in a blink, and off again to check onscreen message or to hand over at end of shift.



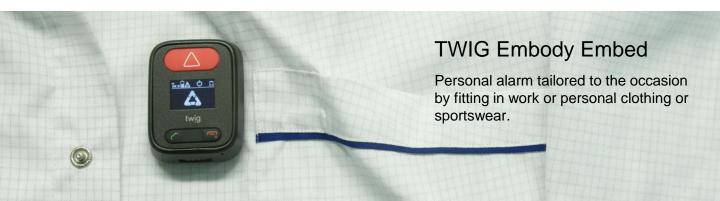


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- TWIG Embody personal alarm device with integral battery
- · Mains charger with adapter of choice
- Quick user guide
- Software and Services leaflet
- Attachable belt clip

Wearing

- Easy to clip on belt or other clothing
- Remove quickly
- Pager style, with voice



Wearing

- Bespoke personal alarm
- Embedded in clothing, accessories or personal equipment
- Attaching example: two velcro straps sewn in apparel, 18 mm wide and 50 mm apart

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TWIG Embody Technical specification

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: 61 mm x 46 mm x 19 mm
- · Weight: 50 g including battery
- IP67 water and dust proof per IEC 60529
- Shock resistant 1 m drop per IEC 60068-2-31
- Tactile silicone keypad for firm grip

Key telematics functionality

- · Manual alert through SOS key
- Automatic ManDown alarm (tilt angle or non-movement)
- ManDown++ (four independent 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 GPS antennas
- Operating temperature -20° C +50° C
- Alert tones
- Vibrating alert

Operating time

- Rechargeable 750 mAh Li-ion battery
- Typical operating times, GPS/GPRS reporting**

4 days (1 GPS report / hr)
2 days (1 GPS report / 10 min)
15 hours (1 GPS report / min)
4 hours (1 GPS report / 5 sec)
Up to 14 days (GSM standby only)

Recharging time*** < 3 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
- · OLED display with guiding symbols
- Answer / Assistance call
- · Power On / Off / End call

Optional device features

- 3G Mobile Network*
- GNSS*
- · ManDown alarm*
- SRD compatibility*

Accessories

TWIG SRD devices:

- TWIG Beacon SRD locating device*
- TWIG Button SRD wireless alarm*
- TWIG Tag SRD RF identifier*

Software and resources

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

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

