

TWIG SOSCard

The Lone Worker ID Badge Alarm

TWIG SOSCard is a personal alarm device with a full range of lone worker protection functionalities, further aiding lone worker safety through its discreet design as an identity card holder. TWIG SOSCard is well suited for safety of front office and health care staff and social workers.



Essential lone worker functionalities

- ManDown++ alarm, Amber alert
- SOS key and ripcord for panic situations
- 2-way hands-free voice calls for emergency assistance
- Powerful vibrator and loudspeaker



Hybrid indoor / outdoor location

- Outdoor 3-constellation GNSS
- Free TWIG Point AGNSS service for faster location fix
- SRD3-option for hybrid indoor location: TWIG Beacon SRD, Wi-Fi, Bluetooth Low Energy (BLE)
- TWIG Point Netloc service for public space location (cellular + Wi-Fi) and for on-site location (TWIG SRD + Wi-Fi + BLE)



Effective communication in emergency

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



Discreet use

- Silent alarm with one touch
- Slim, light and user-friendly
- Easy to wear with clip or carrying strap



TWIG product life-cycle economies

- Backwards compatible devices
- Support service
- Engineered and manufactured fully in-house



Remote device management

- TWIG Point Remote Configurator
- Saves time and money in customer support
- Access with TWIG Point SP web account

Lone worker safety

Duty of care requires employers to give lone workers means to alert help. Depending on risk assessment, a dedicated alarm device may be required. TWIG SOSCard triggers an automatic ManDown alarm when user is unconscious or fallen. 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.****

Easy insertion of ID card

TWIG SOSCard design enables easy insert and removal of the Identity card on the other side of the device.



Efficient deployment

With remote configuration possibility TWIG SOSCard is fast to deploy and flexible to operate. It is 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 Point Monitor cloud service provides a turn-key solution for alarms monitoring and tracking.

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



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TWIG SOSCard

Technical Specification (TUP93EU)

Compatibility and communication

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

Provisioning and security

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

Mechanics

- Dimensions: 11 mm x 66 mm x 99 mm
- Weight: 74 g including battery
- Waterproof (IP67) and shock resistant
- Firm grip with tactile silicone keypad

Key telematics functions

- Manual alert through SOS key
- ManDown++ with 4 automatic alert triggers: device orientation, non-movement
- Rip alarm with carrying strap ripcord
- Two-way 3G/GSM voice with speaker
- Device and user status messages
- Interactive on-screen messages
- GNSS / TWIG Beacon SRD / Wi-Fi / BLE locating
- 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, GNSS, WiFi, BLE antennas
- Operating temperature -20°C +50°C

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 and Galileo)
- 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

Software and resources

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

TWIG Point turn-key services

- TWIG Point Remote Configurator for device settings management over the air
- TWIG Point Netloc service for public space location (cellular + Wi-Fi) and for on-site location (TWIG SRD + Wi-Fi + BLE)
- TWIG Point AGNSS for faster GNSS location
- TWIG Point Monitor for alarms monitoring and tracking

Display and keys

- Easily identifiable SOS key
- OLED display with guiding symbols
- Preprogrammable quick dial / status keys
- Answer / Assistance call
- Power On / Off / End call

Sales package content

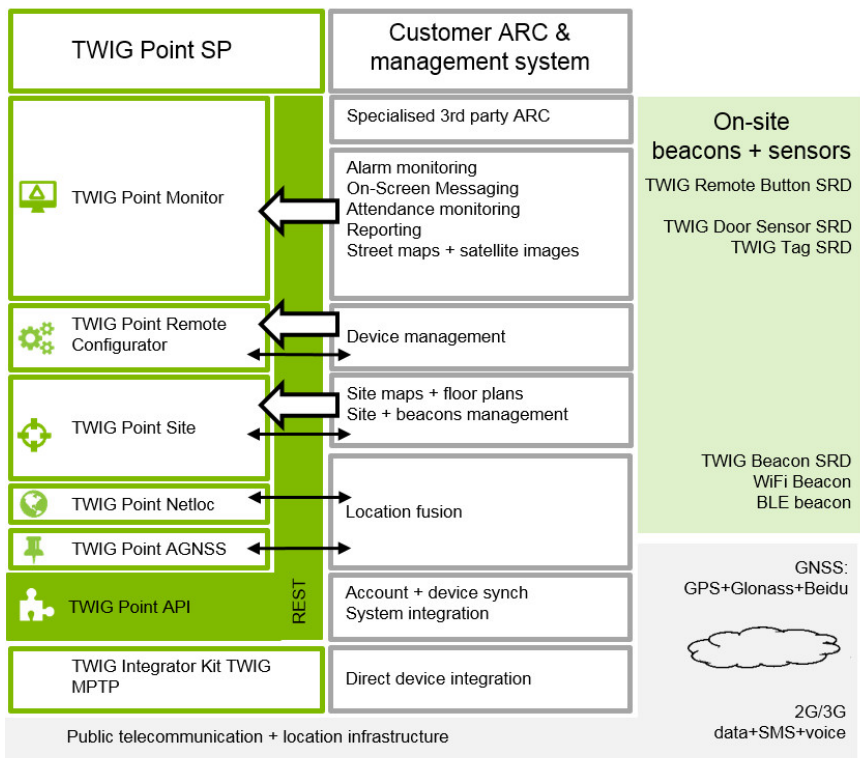
- TWIG SOSCard personal alarm device with integral battery
- Clip and carrying strap with rip alarm
- Charger with adapter of choice (EU/UK/AU)
- Quick guide

Optional device features

- GNSS
- ManDown++
- SRD3 including SRD compatibility and Wi-Fi + BLE location

Accessories

- Charging station
- Clip and Carrying strap with ripcord
- TWIG Beacon SRD locating device*
- TWIG Tag SRD RF identifier*
- TWIG Remote Button SRD*
- TWIG Door Sensor SRD*



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