

TWIG SOSCard

The discreet ID badge alarm for lone workers

TWIG SOSCard is a 4G 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.

Lone worker protection functions

- Automatic Mandown detection on tilt, non-motion and fall
- Device and server based 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

- 2G/3G/4G*
- Interactive on-screen messages
- Pre-programmed one-touch status messages
- One-touch voice calls
- Data transfer and voice calls via Wi-Fi*

Discreet use

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

Sustainable product life-cycle

- Backwards compatible with previous TWIG 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.

twig™

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TWIG SOSCard
Technical Specification (TLP56EU)

Compatibility and communication
- Communicates with all systems using MPTP (Mobile Phone Telematics Protocol) both SMS and data (IP).
- Tracking and alert messages include information on satellite positioning, TWIG SRD beacons, speed, heading and battery charge.

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

Key telematics functions
- Manual alert through SOS key
- ManDown alarm with 4 automatic alert triggers: device orientation, non-movement, free fall and impact
- Two-way voice over 4G/3G/GSM/Wi-Fi with speaker
- VoIP calls and data transfer via Wi-Fi* (VoIP calls via 3rd party application, support only 2.4 GHz Wi-Fi network)
- Rip alarm with carrying strap ripcord
- Interactive on-screen messages
- GNSS satellite positioning
- TWIG Beacon SRD / Wi-Fi / BLE location*
- Geofence

Key technical features
- GSM: 900/1800 MHz
- WCDMA: Bd.1 (2100MHz)/Bd.3 (1800MHz)/Bd.5 (850MHz)/Bd.8 (900MHz)
- LTE-FDD: Bd.1 (2100MHz)/Bd.3 (1800MHz)/ Bd.5 (850MHz)/Bd.7 (2600MHz)/Bd.8 (900MHz)/ Bd.20 (800MHz)/Bd.28 (700MHz)
- LTE-TDD: Bd.38 (2600MHz)/Bd.40 (2300MHz)
- Built-in GSM, SRD*, GNSS, WiFi*, BLE* antennas

Operating time
- Rechargeable 750 mAh Li-ion battery
- Typical operating times, GNSS satellite positioning/ cellular data reporting**
- 4 days (1 report / hr)
- 2 days (1 report / 10 min)
- 15 hours (1 report / min)
- 4 hours (1 report / 5 sec)
- Up to 12 days (cellular network standby)
- Recharging time*** < 3 hrs for 95 %
- Operating temperature -20°C... +50°C

Satellite positioning system
- High performance multi constellation GNSS receiver (GPS, Glonass and Galileo)
- Time to first fix:
  < warm start 10 s; cold start < 35 s
- Configurable opt-out and roaming block
- Extended ephemeris on-board generation
- Motion based GNSS control

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 (free of charge)
- TWIG Point Monitor for alarms monitoring and tracking
- TWIG Point Site for site planning and management

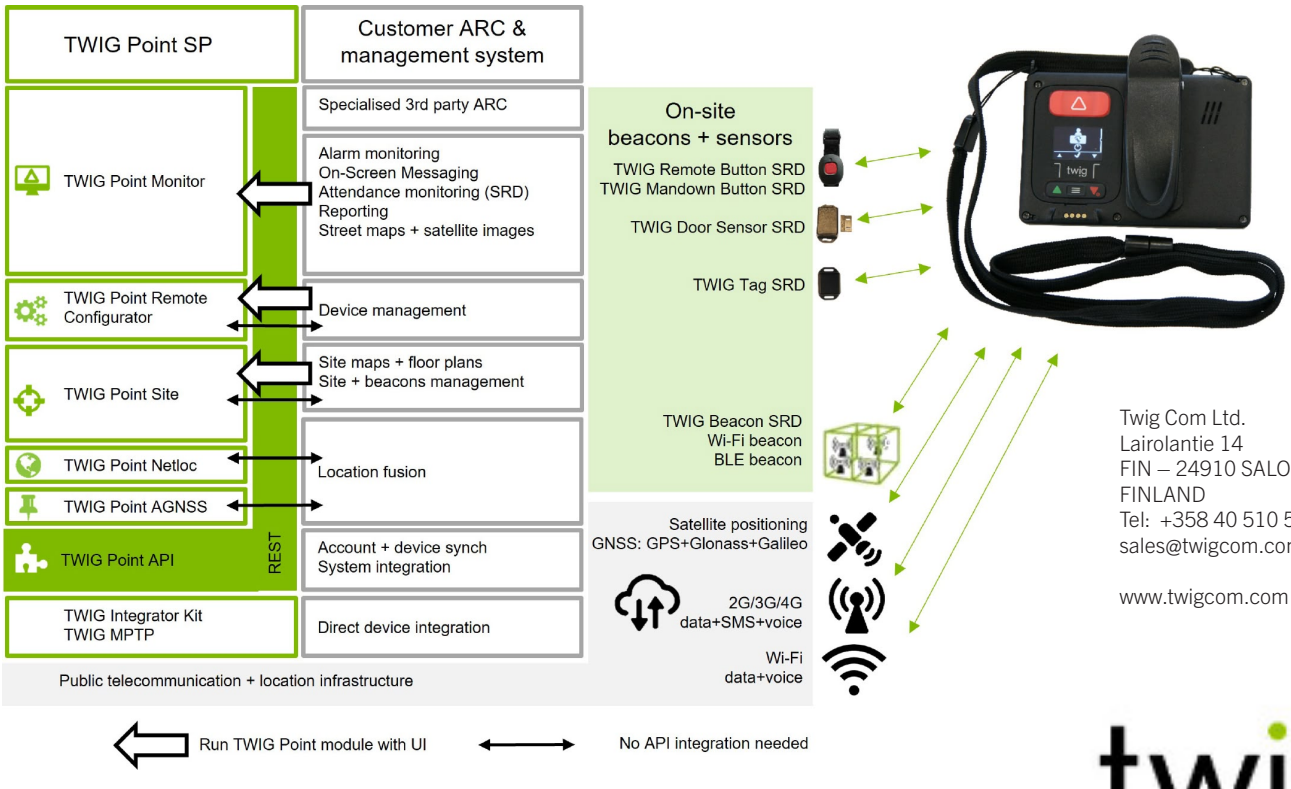
Display and keys
- Easily idenfiable SOS key
- OLED display with guiding symbols
- Preprogrammable function keys and menu key

Software and resources
- TWIG Configurator PC app
- TWIG FirmwareLoader PC app, FOTA
- TWIG Integrator Kit for ARC integration

Sales package content
- TWIG SOSCard personal alarm device with integral battery
- Clip and carrying strap with rip alarm plug
- Charger with adapter of choice (EU/UK)

Optional device features
- 2G/3G/4G mobile network*
- Wi-Fi only (without mobile network)*
- GNSS satellite positioning*
- ManDown alarm*
- SRD3* for location and communication with Wi-Fi (only TLP56EU) and for compatibility and location with TWIG short range devices (SRD) and BLE beacons

Accessories
- Charging station
- Programming station
- Belt clip
- Carrying strap with rip alarm plug
- TWIG Beacon SRD*
- TWIG Tag SRD*
- TWIG Remote Button SRD*
- TWIG Door Sensor SRD*
- TWIG Mandown Button SRD*



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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. VoIP calls via TWIG Point from device to device or to VoIP Client. VoIP calls to normal phone numbers via 3rd party services.**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