

TWIG Bracer

The Smart Safety Phone



TWIG Bracer is a 3G/GSM/GPS safety phone for industrial and outdoor lone workers requiring a rugged smart phone with panic buttons and automatic alarm functions.



Lone worker alarm functions

- ManDown+, Amber alert
- 2 red SOS keys for panic situations
- 2-way voice



Two in-one dedicated

- Android 4.2 smart phone
- Lone worker alarm



Powerful and tough

- Powerful battery and loudspeaker
- Water and dustproof IP68
- Shock resistant MIL-STD 810G



Location over MPTP

- GPS
- Cellular and Wi-Fi location
- AGPS for faster GPS position



All inclusive

- Phone, PIM, e-mail, web, Android
- 2G/3G, USB-port
- NFC, Bluetooth, Wi-Fi
- Touch + keypad
- LED torch



Remote device management

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

Lone worker safety phone

Duty of care requires employers to give lone workers means to alert help. Depending on risk assessment, a dedicated alarm device may be required. A safety phone with alarm button, doubling as mobile phone, is often suited for moderate risk scenarios.



Alarm functions

- 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.****
- Panic alarm can be activated with red SOS keys or SOS soft key on touch screen.

More than smart phone

TWIG safety phone has been designed to respond to the communication and safety requirements of outdoor and industrial employees working alone in demanding environments.

Efficient deployment

Remote configuration makes TWIG device fast to deploy and flexible to operate. Turn-key over-the-air device configuration accessible with TWIG Point user account.

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](#).

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TWIG Bracer

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, speed, heading and battery charge.

Provisioning and security

- Remote configuration with TWIG Point Remote Configurator
- Authorisation of remote and local access

Mechanics

- Dimensions: 63 mm x 140 mm x 26 mm
- Weight: 230 g including battery
- Water- and dustproof (IP68)
- Impact, vibration, shock and temperature resistant MIL-STD 810G

Lone worker alarm functions

- Manual alert through SOS key
- ManDown+ alarm with two automatic alert triggers: device orientation and non-movement.
- Amber alert (timer alert, local + server based)
- Two-way 3G/GSM voice with speaker
- Device and user status messages
- Interactive on-screen messages
- GPS / Wi-Fi tracking
- Geofence

Camera and torch

- 5 MP (back)
- 0,3 MP (front)
- Torch with LED light

Key technical features

- Quad-band GSM (850/900/1800/1900 MHz)
- 5-band 3G (800/850/900/1900/2100 MHz)
- Built-in GSM and GPS antennas
- Operating temperature -20° C..+60° C
- NFC 13,56 MHz
- 512 MB RAM and 4 GB ROM with Micro-SD Card up to 32 GB
- Processor MT6572M
- Rechargeable 3600 mAh Li-ion battery
- Android 4.2 Jelly Bean

GPS and AGPS

- GPS and Android AGPS

Operating time

- In actual use, the standby time and talk time of the phone varies with the network status, working environment and usage.

Wireless technologies

- Bluetooth® 4.0
- Wi-Fi IEEE 802.11 b/g/n/ac

Country of HW origin

- RugGear RG310 made in China
- Imported in EU by Magneta S.A.

Display and keys

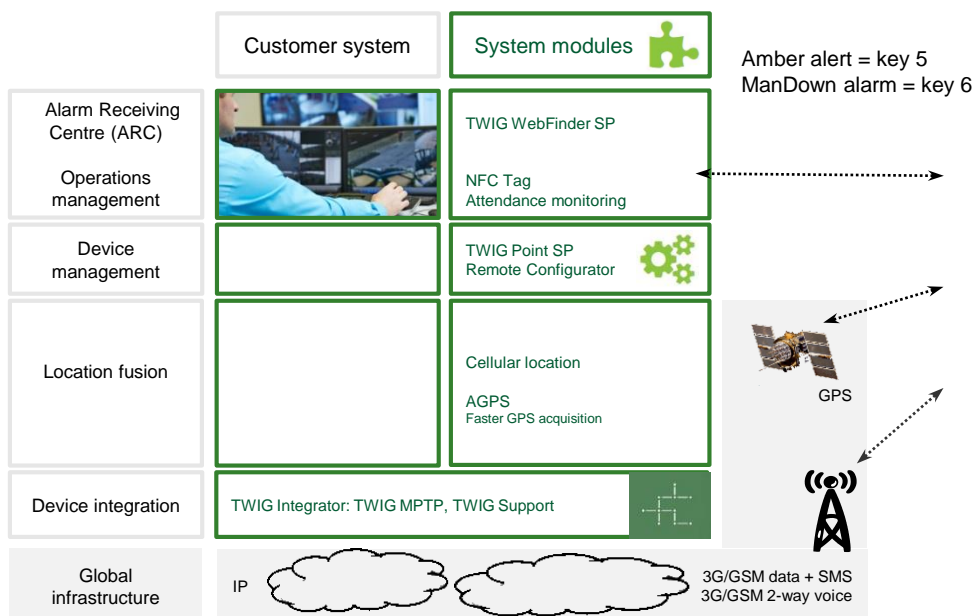
- Two red SOS keys
- Touch screen with dedicated alarm keys
- Preprogrammable assistance call keys
- Numerical phone keypad

Sales package content

- TWIG Bracer unit with battery
- Mains charger with USB cable
- Charging station
- Belt Clip
- Headset
- Screwdriver
- User and safety documents

Software and resources

- TWIG WebFinder monitoring SaaS
- TWIG Integrator Kit for ARC integration
- TWIG Point Remote Configurator: turn-key service to manage all device settings remotely



Twig Com Ltd.
Lairolantie 14
FIN – 24910 SALO, FINLAND
Tel: +358 40 510 5058
Fax: +358 42 510 5058
sales@twigcom.com

www.twigcom.com

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 and device settings. ***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. All other trademarks are the properties of their respective owners.

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