

Protector Ex

Intrinsically Safe and Rugged Protection Device (ATEX)

The TWIG Protector Ex is the ultimate GPS/GSM personal protection and surveillance device, designed to protect lone workers in explosive hazardous areas.

Small and light, the Protector Ex has been designed in collaboration with the foremost protection and safety specialists from a wide range of industries.

Operated in conjunction with the TWIG WebFinder Service (www.twigworld.com), the Protector Ex is used as a stand alone device. When integrated with the TWIG Discovery phone it offers full mobile monitoring solution.

You can also locate the Protector Ex with any smart phone that can pick a [web link](#) from SMS and show it on browser with Google maps.

Lone Worker Protection

Built-in, Man-Down-Alert functionality includes a user-operated alarm button and automated emergency messaging. In the case of a fall or non-movement accelerometer functionality within the device automatically transmits its location and calls to predefined number alerting emergency rescue services.

Personal Protection

The Protector can be used to ensure personal safety and security. A panic button can be pressed in case of emergency and information on position, direction and speed of movement is sent immediately to a predefined number, establishing communication.

Brief technical data

- Shockproof case
- Waterproof (IP67)
- Dedicated large SOS button
- Preprogrammed Quick dialling
- Answer / End call / Reject
- Clear display for device status and operation
- Dimensions: 19mm x 47mm x 99mm
- Weight: 80g incl battery
- Quad-band GSM (850/900/1800/1900)
- Operating temperature -20°C..+40°C***
- Standard battery Li-pol 1300 mAh
- Stand-by time Up to 11 days (no GPS)
- Op. time with GPS up to:*
 - 5 days (1 position/hr)
 - 24hr (1 position/s)
 - 18hr (4 pos/min sent via GPRS)
 - Charging time <3hr for 100%
- High performance A-GPS receiver
 - Advanced power saving options
 - Motion based GPS control
- Positioning compatibility
- Protector Ex can communicate with all TWIG devices and support other systems using MPTP (Mobile Phone Telematics Protocol) both SMS and GPRS.

Sales package consists of:

- Protector Ex GPS/GSM unit
- Integrated 1300 mAh battery
- Mains charger
- Printed quick guide

ATEX- approved:

- II 2 G Ex ib IIB T4
- VTT 10 ATEX 016X
- Zone 1 Category II Gas, intrinsically safe, temperature class 4



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