



Description

PEGASUS is perfect for use in extreme conditions, in the chemical, pharmaceutical and oil and gas industries.

The keyboard is generously dimensioned and offers enough space for steady operation, even with gloves. To prevent operating errors, all keys give tactile feedback in the form of a click.

Thanks to the quad band GSM module (850/900/1800/1900 MHz), the device is ideally equipped for utilisation on all continents. PEGASUS has a hands-free function and emits a vibrator alert at the same time as the ring tone.

The fitted sensor (motion detection) reacts to the absence of movement and triggers an emergency call after a defined interval of time. The device can be located by means of GPS.

An alarm including the GPS position data can also be forwarded as a text message, position link or through GPRS to a server. The GPS receiver and special software make PEGASUS an efficient online tracking system.

You have the choice of saving and evaluating the PEGASUS data on your own server or, with a licence agreement, on a server BARTEC has set up specially for it.

PEGASUS 7120^{ex} for ATEX Zone 2 and 22, IECEx Zone 2, UL Div 2

Features

- Quad band GSM module
- Professional on-line tracking
- Man-down function
- Emergency call button
- Bluetooth (Headset)

Explosion protection

ATEX-marking for Zone 2

II 3G Ex ic IIC T4 CE
DEMKO 10 ATEX 147282X

for Zone 22

II 3D Ex ic IIIC T130°C Dc X CE

IECEx-marking

Ex ic IIC T4 Gc
IECEx UL 10.0004X

UL-marking

Class I, Div 2, Groups A-D, T4
E321557

Standards/Directives

see user manual

Technical data

Protection class

IP 65

Display

OLED colour display

Networks

Quad band GSM
850/900/1800/1900 MHz

Dimensions (height x width x depth)

155 mm x 59 mm x 27 mm

Weight

approx. 240 g

Ambient temperature

-20 °C to +60 °C

Storage and transport temperature

-20 °C to +60 °C

Charging temperature

0 °C to +50 °C

Air humidity

5 % to 95 % (non-condensing)

GSM module

Telit GE864

Power supply

Lithium polymer battery
3.7 V/2650 mAh

Interfaces

Mini USB, Bluetooth 2.0 EDR
(Headset Profile)

Audio system

Microphone and speaker integrated

Antennas

integrated in the device
(GPS, GSM and Bluetooth)

Talk time

4 to 6 hours

Charging time

5 to 6 hours

Standby time

Modus	Standby time
Man-down function OFF Online tracking OFF	65 to 70 hrs
Man-down function ON Online tracking OFF	22 to 24 hrs
Man-down function OFF Online tracking ON	22 to 24 hrs
Man-down function ON Online tracking ON	22 to 24 hrs

Scope of supply

Battery, charging cable and
USB data cable, CD-ROM (user manual,
phonebook software, USB driver)

Accessories

- Desktop charger
- Leather holster
- Car mount with battery charger

Order data

Mobile Phone PEGASUS 7120^{ex}

- PEGASUS 7120^{ex}-0 **B7-C211-0Q01/0000**
- PEGASUS 7120^{ex}-1 with man-down function
B7-C211-0Q11/0000
- PEGASUS 7120^{ex}-2 with online tracking
B7-C211-1Q01/0000
- PEGASUS 7120^{ex}-3 with online tracking/
with man-down function
B7-C211-1Q11/0000

Online tracking software

