

TECHNICAL DATA SHEET

The shock and water resistant Man Down Plus communicates with LoneALERT using MPTP (Mobile Phone Telematics Protocol) through both SMS and GPRS to provide robust lone worker protection.

Mechanics

- Shock proof case
- Water proof (IP67)

Other Features

- Dedicated ergonomic SOS button
- Power On/Off
- Pre-programmed Quick Dialing
- Answer / End Call
- Display for device status and operation

Brief Technical Specification

- Dimensions: 18mm x 45mm x 94mm
- Weight: approx., 80g inc. battery
- Quad-band GSM (850/900/1800/1900)
- Built-in GSM and GPS antennas
- Operating Temperature -20°C..+50°C*

Battery

- Standard battery Li-ion 1300mAh
- Stand-by time up to 260hrs (no GPS)
- GPS op. time up to:**
 - 120 hours (1 position/hr)
 - 24 hours (1 position/s)
- Charging time <2 hours for 100%

GPS

- High performance receiver
- Accuracy ~5m, 95% of time (Open sky)
- Acquisition rate (open sky, stationary)
 - Cold start 45 sec (typical)
 - Warm Start 38 sec (typical)
 - Hot start 2-8 sec (typical)
- Advance power saving options

ATEX Approved***

- II 2 G EEx ib IIB T4
- Zone 1 Category II Gas intrinsically safe temperature class 4

Sales Package Contains

- Man Down Plus GPS/GSM unit
- 1300mAh battery
- Mains charger
- LoneALERT Subscription

Options

- Man Down Alert
- External Wireless Panic Button****
- Non GPS