

# Man Down Kit RST410



Alert

The Beam Man Down Kit is a complete unit that includes a Man Down Pendant, Gateway Interface and Windshield Gateway. The Man Down Pendant is a user worn accessory (attached to a lanyard or hip holster) that works in conjunction with the Serial Gateway and wireless data equipment such as IridiTRAK (RST430), LeoTRAK (RST470 & RST480) PotsDOCK 9555 (9555PD) and remote device monitoring software such as LeoTRAK-Online.

The pendant gives the user the peace of mind that a call for help is only a button press away. With its integrated motion sensor technology the pendant can recognize if the user has been incapacitated or is unable to press the alarm button.

## Pendant & Accessories



Man Down Pendant



Gateway



Gateway Interface



Windshield Gateway

## FEATURES

- ▶ Intrinsically Safe
- ▶ User worn (lanyard or hip holster)
- ▶ Large single emergency button
- ▶ Integrated motion sensor prompts alert notification when pendant is motionless for 60 seconds
- ▶ LED lights, audible buzzer and vibrate function for tactile feedback

## BENEFITS

- ▶ Give your worker peace of mind knowing that help is only a button press away
- ▶ No fumbling with small key pads or multiple button sequences during an emergency
- ▶ Avoid unreliable and expensive buddy systems
- ▶ Adhere to worker safety policy
- ▶ Alleviate company and family safety worries

## SPECIFICATIONS

### MAN DOWN PENDANT

Intrinsically Safe (Ex ia IIC T4)
Compact, rugged enclosure
Integrated motion sensor prompts alert notification when pendant is motionless for 60 seconds
Audible beeping notification
Vibrate alert for noisy environments
Incoming "page" notification
Auto range limit detection and notification
300 - 800 metre outdoor line of sight range, 25-150 metre indoor range
Operating range of -25°C to +45°C
Unique 16 digit hexadecimal ID (non-reassignable)
2 x AA replaceable batteries
2 status/indicator LEDs
37mm x 37mm x 90mm

### GATEWAY

Connects via, RS-232 port (DB-9) to DCE (Data communications equipment)
Connects to existing CTM-15X modems for seamless connectivity (pass thru mode)
Provides communication gateway between pendant(s) and DCE device
Creates PPEN (Proprietary NMEA) messages for outgoing messages.
Accepts PPQ (Proprietary NMEA) messages for incoming pendant control
3 LED's (Status/power/data transmit-receive)
Powered via (DB-9, 3.9 V) or externally (5 - 32 V DC, 0.65 mm DC jack)
RS-232 interface (DB-9 male)
5 - 32 V DC, via external 0.65 mm jack (center +)
3.9 V DC, via DB-9 pin 9, pin 5 gnd
72mm x 32mm x 18mm
2 status/indicator LEDs
37mm x 37mm x 90mm

## BATTERY SPECIFICATIONS

Use only Duracell® MN1500 or Energizer® E91 'AA' Alkaline batteries. Normal typical battery life when used with recommended battery is 5-7 days, 10 hr/day.

## ACCESSORIES

RST400	Man Down Pendant
RST401	Interface Box
RST404	Gateway Serial Adaptor
RST405	Windscreen Gateway

9555PD	PotsDOCK 9555
RST430	IridiTRAK
RST470	LeoTRAK - GPS/Satellite
RST480	LeoTRAK - GPS/GSM/Satellite

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