Pressure Temperature Logger

The pressure temperature logger is a sealed (IP65) Data Logger used for measuring air or water pressure and ambient temperature. The unit is self contained in a small 316L stainless steel enclosure with a threaded port to connect to a pressure source. The Logger can operate unattended for months or years. Recording parameters can be set in the Track-It PC software, the unit can be set to record on demand or at preset times or on alarm conditions. Up to 62,000 readings can be saved in non-volatile memory at intervals from 2 seconds to 24 hours. Internally there is a USB port for direct connection to a laptop or PC, a button and LED for user interaction as described below.

To access the internals of the unit it is necessary to unscrew the lid (anti clockwise). This exposes the control panel shown below. The function of the parts is as follows:

LED: The LED (Light Emitting Diode) indicates status - see below

Push Button: Pushing the button can perform various functions as follows

Short press (0 - 1 sec.) will indicate the logger status - the LED will blink as follows:

Red Blink   - Battery Low (no blink if battery OK)
Green Blink   - Unit currently idle, not recording **or**
Amber Blink - Unit currently recording.
Red Blink   - Alarm condition occurred.

Press and hold - (1 - 2 secs.) LED turns Red - if the button is released at this point any Alarms will be reset and Alarm triggered recordings currently active will stop recording.

Continue to Press and Hold - (2 - 3 secs.)

LED turns Green - The unit is currently NOT recording, if the button is released at this point the unit will START recording   **or**

LED turns Amber - The unit is currently recording, if the button is released at this point the unit will STOP recording.

Continue to Press and Hold - LED goes off - cancels operation.

Serial Communication: The logger has a mini USB port. Plug the cable into this port and the other end into the USB port on your PC/Laptop. The provided software needs to be installed in order to work with the logger.

Battery: Replace the battery as needed with type: Tadiran TL-5902 3.6V Lithium or similar.