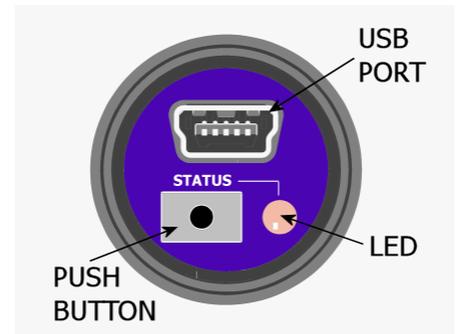


Track-It™ Rugged Temperature Logger



The Rugged Temperature Logger is a sealed (IP68) Data Logger used for measuring temperature in the range of -40°C to +125°C (-40°F to +257°F). The Logger can operate unattended for months or years. It is self contained in a small 316L stainless steel tubular enclosure with removable ends. One end is the battery compartment and the other is to access the internal controls. The logger can be set to record instantly, at preset times, or on alarm conditions via the USB port using Track-It™ PC Software. Up to 32,000 readings can be saved in non-volatile memory at intervals from 2 seconds to 24 hours. The internal controls include the USB port for direct connection to a laptop or PC, a button control, and an LED. To access the internal controls it is necessary to unscrew the end with the ring counter clockwise. Recording parameters can be set in the Track-It™ PC Software.

Push Button/LED functionality: The push button can be used to check status or to change the state of the data logger. For instance, it can be used to start and stop recording if desired. This feature can also be disabled to ensure the data logger state remains unchanged until connected to a PC.



TO CHECK STATUS

Short press and release: LED will flash in various patterns to indicate data logger status:

The flash sequence is: Battery status > Record status > Alarm status

One long red flash at the beginning of the flash sequence indicates low battery. (no red flash = battery ok)

One long red flash at the end of the flash sequence indicates an alarm. (no red flash = no alarm)

Slow red/green blink: Connect to PC. Unit is NOT set up or memory is full.

TO CHANGE STATE

Press and Hold, release when LED turns steady green: Changes record state on/off

Press and Hold, release when LED turns steady red: Reset alarm indication

Press and Hold, release after LED goes off: No change

The table below summarizes the push-button / LED functionality.

STATUS—Press & Release Button			STATUS
Lo Batt.	>>>> Record >>>>	Alarm	LED Sequence
[Red bar]	[Fast Green/Red blink]	[Red bar]	Low battery - one RED blink (No red if battery OK)
[Green bar]	[Fast Green/Red blink]	[Red bar]	Recording or triggered to record - fast GREEN/RED blink
[Green bar]	[Green bar]	[Red bar]	Idle/Not recording - one long GREEN blink
[Red bar]	[Green bar]	[Red bar]	Alarm occurred - one long RED blink (No red if no alarm)
[Red bar]	[Green bar]	[Green bar]	Not set up or memory full - slow RED/GREEN blink, connect to PC

CHANGE STATE—Press & Hold Button		RESULT OF BUTTON RELEASE
[Green bar]	[Red bar]	LED pattern
[Release arrow]	[Red bar]	Release button while LED GREEN - Turn record mode on/off*
[Release arrow]	[Red bar]	Release button while LED RED - Reset alarm indication*
[Release arrow]	[LED off]	Release button when LED goes off - No change

*NOTE: Feature must be enabled in software

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 included software needs to be installed in order to work with the logger.

Battery: Replace the battery as needed with a high temperature 3.6V Lithium - Tadiran TLH-5902 or similar rated to 125°C. Use a coin to remove the battery cover (counterclockwise). Insert the battery POSITIVE END first as shown in the diagram below:

