Data Logging Solutions.

Cryotag Mini Logger

Suitable for all LN2 storage applications

20000 event by capacity

IP65 rated

2 user definable alarms

LCD display

PT 1000 probe

Cryotag Alarm Box

Cryotag Alarm Box.

Features

- Audible sounder

- Works with Cryotag plus 2 and Cryotag view 2 data logger

- Programmable delay

- Two sets of volt free relay contacts for switching external devices

- Test Button

- Low battery warning

The Alarm box is designed for use with the Cryotag plus 2 and View 2 data loggers to provide an audible warning when an alarm condition has been met.

The unit can be programmed to sound after a pre-set delay, enable work to be carried out in monitored areas without the alarm sounding.

A pair of volt free contacts within the unit allow an external device , such as SMS dialler, to be triggered by the unit

# Cryotag View 2 temperature logger for PT1000 Probe (-200°C to +100°C)

Features

Total Reading Capacity	30,000 readings
Memory type	Non Volatile
Display	4 digits + indicators
Display Modes	°C or °F
Display Refresh Rate	Every 2 seconds
Trigger Start	Magnetic Switch
Delayed Start	Relative / Absolute (up to 45 days)
Stop Options	When full
	After n Readings
	Never (overwrite oldest data)
Reading Types	Actual, Min, Max
Logging Interval	1 sec to 10 days
Offload	While stopped or when logging in minutes mode
Alarms	

Reading Specification

Reading Range	-200°C to +100°C (-328°F to 212°F)
Sensor Type	PT1000 (external probe)
Logger Resolution	0.01°C or better
Display Resolution	0.1°C or 0.1°F (1°C/°F below -99.9°C/°F)
Temperature Stability	0.005°C/°C Change from 25°C

Accuracy
The graph below is the accuracy of the TV-4204 when used with a PB-7002-1M5/3M/5M or PB-7003-1M5/3M/5M probe.
Using a different probe may affect the accuracy of the unit.
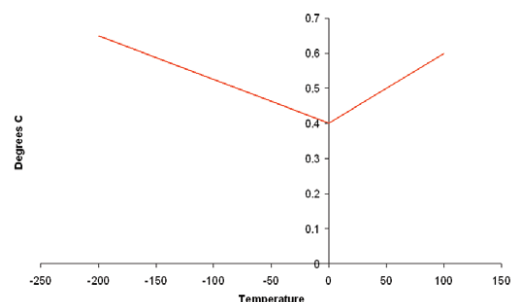
Physical Specification

IP Rating	IP65 splash proof (see notes)
Operational Range*	-30°C to +70°C (-22°F to +158°F)
Case Dimensions	
Diameter	60mm / 2.36"
Length	85mm / 3.35"
Width	77mm / 3.03"
Depth	35mm / 1.38"
Weight	85g / 3oz

*The Operational Range indicates the physical limits to which the unit can be exposed, not the reading range over which it will record.

Notes

The battery fitted in this product is a single cell containing less that 1g of lithium and meets the requirements of the UN Manual of Tests and Criteria, Part III, Subsection 38.3.

Recommended Battery Types   SAFT LS14250, Tekcell SBAA02P or Eve ER14250

The logger will operate with other ½AA 3.6V Lithium batteries but performance cannot be guaranteed.

Replacement Interval   Annually

Before replacing the battery the data logger must be stopped.

After removing an old battery from a logger, wait five minutes before inserting the new one.

Data stored on the logger will be retained after a battery is replaced.

The clarity of the display may change at extremes of temperature.

If used at low temperatures the data logger should be allowed to warm to room temperature before it is opened to avoid condensation forming inside the unit.

The IP65 rating is valid only when the unit's connector cap and probe are securely fitted.

Calibration

We recommend that the calibration of this unit should be checked annually against a calibrated reference meter.

A certificate of calibration, traceable to a national standard, can be supplied for an additional charge either at the point of purchase, or if the unit is returned for a service calibration.

Required & related Products

To use this data logger you will require one of the following probes:

PB-7006-1M5/3M: Flat Cable PT1000 Probe (-80°C to + 250°C)
or
PB-7005-1M5/3M: Flat Cable Cryogenic PT1000 Probe (-200 to +150°C)

The following software:

SWCD-0040: Cryotag Explorer software

and a

CAB-0007-USB: Cryotag Ultra/Plus/View USB Download Cable

The SWCD-0040 software and CAB-0007-USB cable can be ordered together in a pack using the part number SWPK-7-USB.