

# TECHNICAL DATA SHEET

## Single Channel Datalogger

The Digitron ThermaTag is a very low cost single channel datalogger for temperature ranges -40°C to 40°C or 0° to 80°, selectable via a user changeable link. It's compact size makes it ideally suited for organisations requiring multiple loggers for critical temperature monitoring of their products.

In addition to a green LED indicating the unit's 'active' status the datalogger also features programmable alarm limits. If an alarm condition occurs the integral red LED will flash indicating to the observer that the data logger has experienced temperature conditions outside the pre-set parameters.

Once collected, the stored temperature readings (up to 2000) may be downloaded to a computer through a cable interface (RS-232) using 'Digilog' software, available in a number of languages. Downloaded data may then be stored or transferred in a file format which is compatible with most spread- sheet packages

### Key Features

- ✓ Compact Size and simple to use
- ✓ Very Low Cost
- ✓ Selectable Temperature Range: -40°to +40°C or 0°to 80°C
- ✓ Programmable Limit Alarms with Integral LED Indicator
- ✓ 2000 Readings
- ✓ 12 Month Battery Life
- ✓ **FREE** Downloadable Software – Excel compatible
- ✓ Water resistant
- ✓ Robust construction
- ✓ External Sensor option



### Specification

<b>Operating Temperature</b>	-40°C to 40°C or 0°C to 80°C Selectable via user link
<b>Memory</b>	2000 readings
<b>Sample Rate</b>	60 Sec. to 24 Hours
<b>Alarm LED's</b>	4 Sec. Red Flash when Alarm exceeded
<b>Logging</b>	8 Sec. Green Flash when Active
<b>Memory Full</b>	16 Sec. Green Flash when Full
<b>After Down Load</b>	Sleep
<b>Accuracy</b>	+/- 0.5°C
<b>Resolution</b>	< 0.1°C
<b>IP Rating</b>	IP54 and IP67 available
<b>Battery Type</b>	Lithium
<b>Battery Life</b>	> 1 Year (replaceable)
<b>Size</b>	42 x 27 x 13mm
<b>Weight</b>	20g
<b>Data Recovery</b>	Via plug and interface cable to PC
<b>Recorder Start Up</b>	Programmed Time/Date
<b>Datalogging Programming</b>	Digilog Software V1.09

