

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

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



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Torque Transducers, Load Cells (general purpose, weighing & fatigue rated). Multi-Axis Force/Torque, Weighing Instruments, Process Instruments, Portable Data Loggers, Pressure Sensors, Proximity Sensors, Laser (Distance Measuring) Sensors, & more.