ThermaData® Logger
temperature recording thermometers

- waterproof housing offering IP66/67 protection

- temperature range -40 to 85 °C or 125 °C

- resolution 0.1 °C, high accuracy ±0.5 °C

- meets EN 12830, S & T, C & D, 1

The ThermaData logger mk II series consists of a comprehensive range of portable data-loggers utilising the latest in electronic technology. The ThermaData loggers are housed in waterproof, ergonomic cases that are designed to meet IP66/67 protection.

The ThermaData logger mk II range offers the choice of either blind data-loggers or data-loggers with an LCD display. Other options include internal and external temperature sensors/probes. The external probes can be either fixed or detachable via a waterproof three-pin connector. The remote temperature probes are supplied with either a one or three metre (where stated) PVC/PFA (*fixed*) or PUR/PVC (*detachable*) lead.
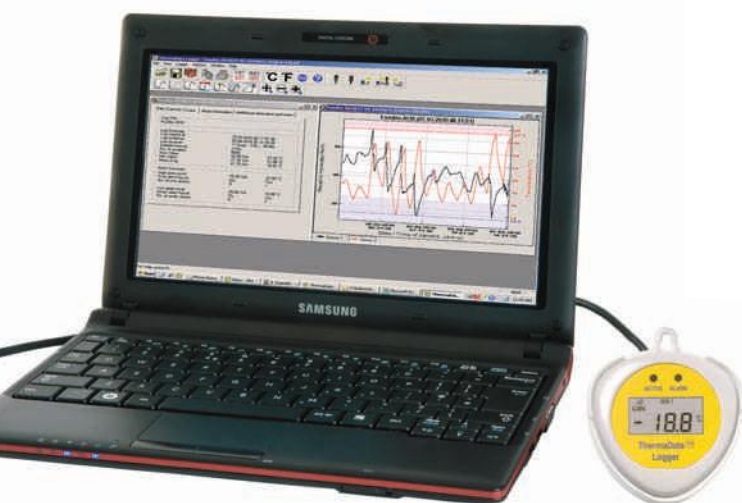
Each logger incorporates a red and green LED, the flashing green LED indicates that the logger is active/logging and the flashing red LED indicates that your customised preset alarms have been exceeded. For details of the range of loggers, see overleaf.

ThermaData Studio software

The ThermaData logger is connected to a PC via a USB cradle. By selecting the relevant icon the data can be downloaded and displayed either as a graph, table or summary. The information can be analysed by zooming in, storing to disc or exporting as a text (.txt) or Excel (.xls) file to other software packages.

The ThermaData Studio software incorporates several useful functions, including the ability to display two traces on a graph, the trace colours are user selectable. All files can be viewed as thumbnail icons for easy identification.

The ThermaData Studio software will work equally with all ThermaData loggers. The software is both powerful and sophisticated, yet user-friendly enabling temperature data to be organised and analysed to provide management information. The software allows the user to programme the logging sample/interval rate (0.1 to 255 minutes), the real-time clock, °C or °F, delayed start (maximum 23 hours, 59 minutes and 59 seconds) or select a magnetic start option. It is also possible to include a 32-character user ID for each logger.

By selecting continuous logging in the software options, it is possible to start the ThermaData logger only once and never have to reset its parameters again, even if downloaded regularly. Unlike most low cost loggers, the ThermaData logger will continue recording during and after downloading the data.

The ThermaData Studio software is supplied with each USB cradle. **Please note**: when initially ordering loggers it is necessary to order at least one ThermaData logger cradle.

°C/°F   MAX MIN   IP66/ IP67

ThermaData logger - model TB
blind with an internal sensor

- NTC thermistor sensor
- -40 to 85 °C
- records up to 4000 readings

order code	description
295-001	model TB

ThermaData logger - model TBF
blind logger with an external fixed sensor

- NTC thermistor sensor
- Ø3.3 x 100 mm probe, 1 metre PVC/PFA lead
- -40 to 125 °C
- records up to 4000 readings

order code	description
295-101	model TBF

ThermaData logger - model TB1F
blind with an internal & external fixed sensor

- NTC thermistor sensors
- Ø3.3 x 100 mm probe, 1 metre PVC/PFA lead
- -40 to 85 °C *(internal)*
- -40 to 125 °C *(external)*
- records up to 2 x 2000 readings

order code	description
295-011	model TB1F

ThermaData logger - model TBC
blind with an external sensor with connector

- NTC thermistor sensor
- Ø3.3 x 100 mm probe, 1 metre PUR/PVC lead
- range of -40 to 125 °C
- records up to 4000 readings

order code	description
295-501	model TBC

ThermaData logger - model TD
LCD with an internal sensor

- NTC thermistor sensor
- -30 to 85 °C
- records up to 4000 readings

order code	description
296-001	model TD

ThermaData logger - model TDF
LCD with an external fixed sensor

- NTC thermistor sensor
- Ø3.3 x 100 mm probe, 1 metre PVC/PFA lead
- -40 to 125 °C
- records up to 4000 readings

order code	description
296-101	model TDF

ThermaData logger - model TD1F
LCD with an internal & external fixed sensor

- NTC thermistor sensors
- Ø3.3 x 100 mm probe, 1 metre PVC/PFA lead
- -30 to 85 °C *(internal)*
- -40 to 125 °C *(external)*
- records up to 2 x 2000 readings

order code	description
296-011	model TD1F

ThermaData logger - model TDC
LCD with an external sensor with connector

- NTC thermistor sensor
- Ø3.3 x 100 mm probe, 1 metre PUR/PVC lead
- range of -40 to 125 °C
- records up to 4000 readings

order code	description
296-501	model TDC