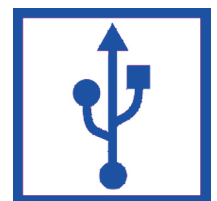
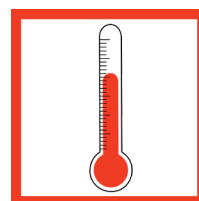


RC51T

USB Temperature Data Logger



- -30°C to +70°C Measuring Range
- $\pm 0.5^{\circ}\text{C}$ Accuracy
- LCD Display
- Simple Plug And Play Operation
- FREE Software



RC51T

USB Temperature Data Logger With Display

The RC51T is a battery powered USB temperature data logger ideal for monitoring temperature of goods in transit. The software is available as a free of charge download and is used to configure the data logger and to produce the reports. The RC51T can be configured for sample rates from 10 seconds up to 24 hours and has a reusable memory of 32,000 readings. The accuracy from -20°C to +40°C is $\pm 0.5^{\circ}\text{C}$. The battery life is 12 months and the battery is user replaceable.

The RC51T-A is supplied with a three temperature point, UKAS 17025 traceable calibration certificate. (Please note, the photo of the RC51T-A includes additional temperature points)

Both the RC51T and the RC51T-A are available in packs of 10pcs.

The operating software is supplied as a free of charge download from the Signatrol website.

The data is downloaded from the data logger in AI format which can easily be viewed in Adobe Acrobat PDF reader.

Applications

Monitoring Goods In Transit

Warehouse Mapping

Environmental Monitoring

Every effort has been taken to ensure the accuracy of this specification, however we do not accept responsibility for damage, injury, loss or expense resulting from errors and omissions, and we

reserve the right of amendment without notice.

Specifications

Power	Internal Battery
Battery Life	Typically 1 year at 25°C with a 15 minute sample rate.
Temperature Range	-30°C to +70°C (-22°F to +158°F)
Accuracy	$\pm 0.5^{\circ}\text{C}$ from -20°C to +40°C $\pm 1.0^{\circ}\text{C}$ outside of this range.
Resolution	0.1°C
Number of Readings	32,000
IP Rating	IP65 0 to 95%RH Non Condensing
Sample Rate	10 second to 24 hours
Report Format	AI file. Can easily be opened in Adobe Acrobat PDF reader.
Software Alarms	Yes, high and low alarms can be specified in the software as well as cumulative alarms that trigger when the temperature has been in an alarm condition for a total period of time.
Material	Clear Cover - Polycarbonate Main Body - Polycarbonate & ABS.
Warranty	1 Year
Dimensions	131mm (L) x 24mm (Dia)

Order Codes

Part Number	Description
RC51T	USB Data Logger
RC51T-A	USB Data Logger Supplied With UKAS Traceable Calibration Certificate
RC51T-PK10	Pack of ten RC51T
RC51TA-PK10	Pack of ten RC51T-A

