

TRACKER 2610

Temperature & Humidity Monitor



Tracker 2700



Tracker 2610

Temperature Logging

Humidity Logging

High Alarm

Low Alarm

Return to Normal State Alert

Serial Data Output

Variable Logging Rate

Powered By Tracker

The Tracker 2610 is designed to monitor the ambient temperature and humidity of equipment rooms. The unit plugs into a serial data port of the Tracker range of intelligent peripherals and contains its own temperature and humidity sensors. It is provided with a 5-metre cable to allow it to be wall mounted in a convenient location within a room and is powered from a 5-volt line on the Tracker serial interface.

Logged temperature and humidity data can be sent at a rate configured by the user for storage in the Tracker. Alarm set points can be configured to trigger an immediate report of excursions outside of normal conditions. Once the temperature or humidity has returned to the normal range, a further report is generated.

The Tracker 2610 may be controlled and configured via its serial interface using commands that include configurations for log rate, alarm set points and status request.



Tracker 2610 Specifications

Data port:	RS232 serial terminated in a 9-pin female D-type connector
Data format:	9600 Baud, No parity, 8 data bits, 1 Stop Bit
Handshaking:	None
Input voltage:	5V DC
Backup:	All configurations held indefinitely in non-volatile memory
Temperature:	Range 10°C to 50°C, Resolution 1°C, Accuracy $\pm 2^\circ\text{C}$
Humidity:	Range 10% to 90% Relative Humidity (RH), Resolution 1% RH, Accuracy $\pm 5\%$ RH
Log rate:	5, 10, 30 seconds, 1, 5, 10, 30 minutes or 1, 2, 4 hours
Alarms:	Low and high temperature and humidity Hysteresis 1°C, 5%RH
Dimensions:	(H) 100mm, (W) 80mm, (D) 44mm
Serial/power cable:	5 metre
Weight:	320 gram



All Tracker 2610 units have been tested and comply with the European Directives on Electromagnetic Compatibility and safety and each carries the CE marking. The enclosure is manufactured in re-cyclable and flame-retardant materials.

ISO 9000 All Tracker 2610 units are manufactured to the quality standards set by BS EN ISO 9002: 1994