DYWIDAG

Critical Rail Temperature Monitor
RailtempMate

FEATURES + BENEFITS

RailtempMate is a Network Rail approved automated critical rail temperature monitoring device.
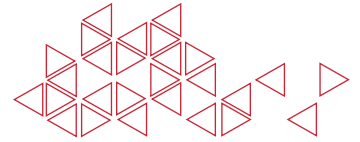
Remotely programmable and provides continuous recording of critical rail temperature.

Records track temperatures from -55°C to +125ºC and streams data to the Datum developed secure website Platform Interactive.

Fully interactive and can be configured to alarm on temperature limits - providing Permanent Way Managers with constant monitoring of critical rail temperatures.

RailtempMate

TECHNICAL SPECIFICATIONS

Sample rate	Adjustable, Max - 1 minute, Min - 1 day
Sensor	1 No. solid state precision digital thermometer
Measuring range	-55º C to +125ºC
Resolution	± 0.1ºC
Accuracy	(from -10ºC to +85ºC) ±0.5ºC
Data	TCP / IP via built in GPRS modem c/w multi-network SIM
Position	GPS locator ±10m
Power supply	Rechargeable internal 22Ah 12v dc LiPo battery
Charging	Up to 24 hours for a full charge
Box dimensions	311 x 165 x 110mm (LxWxH)
Base dimensions	441 x 331 x 8mm (LxWxH)
Total box weight	4.8kg
Total base weight	8.1kg
Box material	Acetal
Base material	304 Stainless Steel
Solar panel	5 Watt
Data storage	350 days at 1 reading every 10 minutes - 512kB
Battery capacity	90 days without Solar Power; Indefinite with Solar Power
Standard clamp	2 x 10mm Hex. Allen
Anti-tamper clamp	Optional
Water proofing	IP66
CE	CE Rated

GET IN TOUCH

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