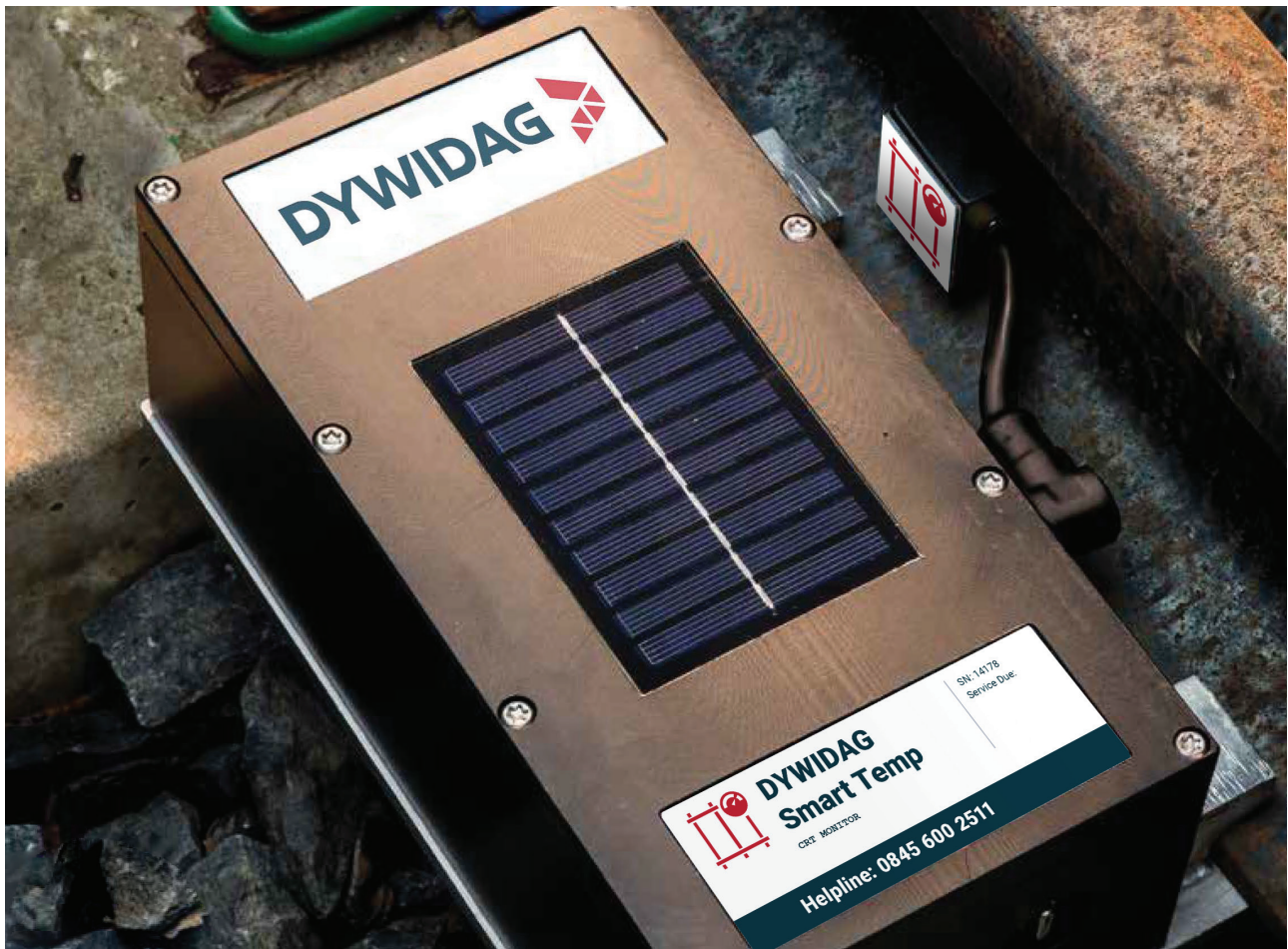


DYWIDAG Smart Temp

CRT MONITOR



Features & Benefits

- Smart Temp is a Network Rail approved automated critical rail temperature monitoring device.
- This innovative monitoring system is remotely programmable and provides continuous recording of critical rail temperature.
- Smart Temp records track temperatures from -55°C to +125°C and streams data to the DYWIDAG's developed secure website Infrastructure Intelligence.
- Smart Temp is fully interactive and can be configured to alarm on temperature limits - providing Permanent Way Managers with constant monitoring of critical rail temperatures.

DYWIDAG Technical Specification

SAMPLE RATE	Adjustable Max - 1 minute Min - 1 day
SENSOR	1 No. solid state precision digital thermometer
MEASURING RANGE	55° C to +125°C
RESOLUTION	± 0.1°C
ACCURACY	(from -10°C to +85°C) ±0.5°C
COMMUNICATION DATA POSITION	TCP / IP via built in GPRS modem c/w multi-network SIM GPS locator "±" 10m
POWER SUPPLY	Rechargeable internal 22Ah 12v de LiPo battery
CHARGING	Up to 24 hours for a full charge
DIMENSIONS BOX BASE	311 x 165 x 110mm (LxWxH) 441 x 331 x 8mm (LxWxH)
TOTAL WEIGHT BOX BASE	4.8 kg 8.1 kg
MATERIALS BOX BASE	Acetal 304 Stainless Steel
SOLAR PANEL	5 Watt
DATA STORAGE	350 days 1 reading every 10 minutes - 512kB
BATTERY CAPACITY	90 days without Solar Power; Indefinite with Solar Power
BATTERY LIFE SPAN	5 years
CLAMP STANDARD ANTI-TAMPER	2 x 10mm Hex. Alien Optional
WATER PROOFING	IP66
CE	CE rated



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