

## Continuous Rail Thermometer



*“Engineered unit available with functional and operational compliance to RDSO specification. Evaluated at BMRCL with 100-meter cable. Capable of working with extended cable length (checked under lab conditions)”*

### PRODUCT FEATURES & FUNCTIONS

- Display: LCD, 7 inch
- Measurement: Temp in °C with resolution = 0.1°C, accuracy = ±1°C, range = -5°C to +85°C
- Data Storage: Non-volatile memory for storing hourly data up to 18 months
- Sensor: Temp sensor designed to install on web of running rail, with suitable cable length for interfacing with data logger and not affected by field conditions
- Display data: Temp. in °C or °F, date, time, etc.
- Data logging: continuous, not interrupted even during data download
- Data download: via USB port to PC, text format
- Software: Menu driven, provides facility for user settings like °C/°F, set date/time, time interval, min-max temp limit, etc.
- Alarm: Audio alarm in case of sensor fault, disconnection of wire, temp. beyond limit, battery low
- Power: Power supply & battery charger, 220V±10%, 50Hz AC main supply, with 72-hour battery backup

Developed as per RDSO spec TM-TL-119 (Rev. '1') 2015.

Continuously monitors & displays rail temperature

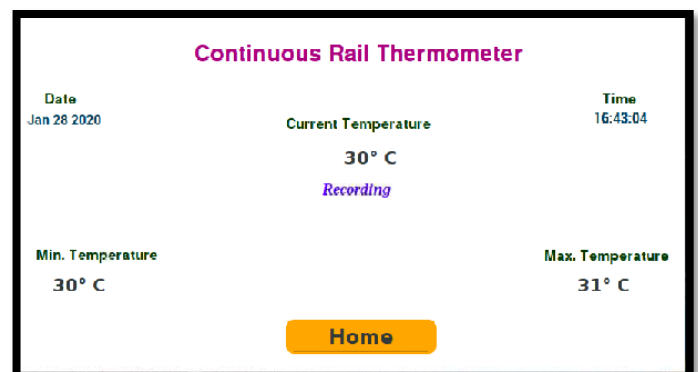
Facility to store the data at pre-set intervals and transfer it offline to PC through USB port

Option for compatibility with machine to machine communication (E.g. telemetry device etc.).

Compact in size, rugged, capable of functioning reliably in field conditions.

Data logger / display unit placed at nearby cabin

Powered by independent AC power source with battery backup.



## SYSTEMS AIDS

9th Main Road, 1st Stage, Hennur Banaswadi Layout,  
Kalyan Nagar, BANGALORE - 560 043. (INDIA)  
Phone: +91-80-25451715/ 25451716 / 25452195

URL: [www.systemsaids.com](http://www.systemsaids.com)

