



www.temprecord.com

MON-T – Logistics



- **Accurate & reliable** – Proven Temprecord performance.
- **Applications** – Monitoring of perishable or temperature-sensitive products in transit as part of the cold chain.
- 4.6K non-volatile memory. Recorded data retained in case of battery failure.
- Configurable accuracy and resolution – 0.05, 0.10, 0.20 or 0.50.
- Standard temperature accuracy is 0.5°C at 0°C or 1°F at 32°F (logger case temperature range is -25°C to +60°C or -13°F to +140°F @ 0.5 resolution)
- Temperature units: °C or °F
- Display resolution: 0.01°C or 0.01°F
- TRW software:
 - Hi-speed download
 - Serial RS-232 or USB connectivity
 - compatible with Windows XP, Vista and Windows 7
- Compliance made easy with automated PDF report generation. Use speed-buttons from TRW software to:
 - save as *.TR and/or *.PDF files
 - export to MS Excel – part or all samples
 - email
 - print
- Save time with Auto Mode (for batch programming):
 - Start / Stop / Status display
 - download/read recorded data
 - save downloaded file as *.TR or *.PDF
 - print file
 - email file
 - reuse logger
- Fully welded food grade plastic case
 - FDA approved
 - recyclable
- Case protection rating: waterproof to IP67 or NEMA 6

MON-T LOGISTICS DATA LOGGERS

Economical Temperature Data Recording

Track product temperature accurately and easily with a quality, affordable, MON-T data logger. Ideal for monitoring temperature environments of perishable products, during transit for cold chain applications.

Configurable MON-T Accuracy

The Generation 4 (G4) MON-T logger allows User to configure logged temperature accuracy/resolution versus temperature range. This is achieved by allowing the User to specify minimum temperature and desired resolution. Selectable resolutions are 0.05, 0.10, 0.20 or 0.50

4.6K Non-volatile Memory

The MON-T logger supports 4.6K of memory (4,600 samples). User-configurable sample period provides from 2.6 hours up to 12 months of data recording.

LED Status Indicators

By simply pressing button to view status, the **PASS** (green) and **FAIL** (red) LED indicators allow instant confirmation of recorded data being within or outside of specified upper and lower temperature range. When button pressed, green LED will flash three times if recorded temperature within limits or the red LED will flash three times if recorded temperature outside limits.

Push Button Start/Stop/Status

The Push Button (when enabled) allows User to **'Start'** or **'Stop'** the data logger anywhere without needing sophisticated software or hardware in the field. When button disabled, the logger can be started or stopped using Temprecord for Windows (TRW) software – available FREE! **For instant 'Status' view, press button momentarily then release.**

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Retaining Hole

Fully moulded and ultrasonically welded retaining hole for easy securing of the data logger within different environments.

LED Status Indicators

By simply pressing button to view status, the **PASS** (green) and **FAIL** (red) LED indicators allow instant confirmation of recorded data being within or outside of specified upper and lower temperature range. When button pressed and released, the green LED will flash three times if recorded temperature within limits or the red LED will flash three times if recorded temperature outside limits.

Case Protection Rating

Waterproof to IP67 or NEMA 6 rated. Ultrasonically welded plastic case is durable in extreme conditions. FDA approved food grade casing.

Push Button

Integrated Push Button feature allows User to **'Start'** or **'Stop'** data logger in the field. Functionality of the Push Button can be enabled or disabled through TRW software. **To view 'Status' press button momentarily, then release.**

Parameter	Specifications
Model	MON-T Multi Use Temperature Data Logger
Memory	4.6K Non-volatile
Sample Capacity	Approx. 4,600 samples minimum
Sample Period	Programmable between 2 seconds and 18 hours in 2 second increments
Start Delay	Programmable between 10 seconds and 18 hours
Start and Stop	Logger Button (if enabled), Palm PDA/Reader, or TRW Software/Reader
Recording Duration	2.6 hrs up to 12 months
Operating Temperature Range of Case	-25°C ~ +60°C, -13°F ~ +140°F
Operating Temperature Range of Data Logger	-25°C ~ +60°C, -13°F ~ +140°F
Temperature Accuracy	0.5°C at 0°C or 1°F at 32°F (configurable)
Display Resolution	0.01°C / 0.01°F
Within Limits Indicator	Three flashes from Green LED Indicator when button is pressed and released
Out of Limits Indicator	Three flashes from Red LED Indicator when button is pressed and released
Battery Type	Manganese Dioxide Lithium (3.0V)
Dimensions	L 77.5mm x W 73.5mm x 14mm (3 x 2 ^{7/8} x 5/8 inches)
Weight	55g or 1.62oz
Case Colour	Yellow
Case and Protection Rating	IP67 or NEMA 6. Fully welded FDA approved food grade casing
Warranty Period	12 months on data logger from date of purchase 12 months on battery

*Accuracy is checked and certified to 0.5°C at temperatures 0°C / 1°F at 32°F