SMALL ECONOMICAL TEMPERATURE DATA LOGGER FOR IN-TRANSIT RECORDING

Designed to monitor shipments of perishable goods in-transit, Telatemp s TransiTemp-EC Data Logger will monitor temperatures from -4°F to +158°F (-20°C to +70°C) with 0.1°C resolution. The custom molded case has a handle for easy attachment and comes in single and multi-use versions. This small, compact easy to use device will measure and record up to 8,191 date and time stamped discrete temperature readings. With a user-defined interval selectable in the software, this instrument will record temperature once every 5 seconds to once every 30 minutes. The storage medium is non-volatile solid state memory providing maximum data security even if the battery becomes discharged. The data logger can be started from a computer or by holding down the recessed push button.

Dual LED s provide device status and alarm conditions for immediate visual confirmation. The green LED indicator blinks four times when the device has been started and continues to blink in ten second intervals while the device is logging. If a user-defined high and/or low alarm condition occurs, the red LED indicator blinks in ten second intervals. The red LED blinks four times when the device stops recording data.

With the Telatemp Micro Series software, starting, stopping and downloading data from the TransiTemp-EC is simple and easy. Data can be viewed in multiple formats and scales, analyzed on screen or archived as an electronic file.

Complete user manual can be viewed onscreen or printed out from the software.

*MLSP-EC Software & RS232 Interface is required.

FEATURES
- User-defined reading interval
- Real time recording
- Pushbutton start
- Programmable Immediate or delayed start
- LED start/stop confirmation
- LED user-define high/low alarm conditions
- 8,191 Reading Storage Capacity
- Easy data download to software
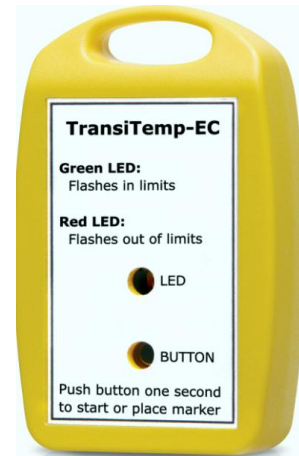- N.I.S.T. Traceable Calibration available

BENEFITS
- Simple Setup and Installation
- Minimal Long-Term Maintenance

APPLICATIONS
- Transportation of perishable goods

TO ORDER
- ML-Temp-ECS Single-Use Recorder
- ML-Temp-ECM Multi-Use Recorder
- MLSP-EC Software Support Package

WARRANTY: The following is made in lieu of all warranties, expressed or implied, including the implied warranties of merchantability and fitness of purpose: Seller s and manufacturers q only obligation shall be to replace such quantity of the product proved by Telatemp Corporation to be defective.

LIMITATION OF LIABILITY: All physical properties, statements, and recommendations are either based on tests we believe to be reliable or our experience, but they are not guaranteed. Telatemp Corporation recommends each user determine the suitability of the products for the intended application. Telatemp Corporation shall not be liable for direct, indirect, special, incidental or consequential damages based upon breach of warranty, breach of contract, negligence, strict liability or any other legal theory.

Prices and specifications are subject to change without notice.

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TransiTemp-EC Data Logger Specifications:

Temperature Sensor:	Internal semiconductor
Temperature Range:	-20 °C to +70 °C (-4 °F to +158 °F)
Temperature Resolution:	0.1 °C (0.18 °F)
Temperature Calibrated Accuracy:	±0.5 °C (-10 °C to +40 °C) ±1.0 °C (-20 °C to +70 °C)
Usage:	Single/Multi-use versions available
Memory:	8,191 readings (>85 days at 1 reading/15 minutes
Reading Interval:	1 reading every 5 seconds up to 1 reading every 30 minutes
Start Time:	Pushbutton start or software programmable immediate start or delay start up to thirty days in advance
Data Format:	Date and time stamped °C, °F
Time Accuracy:	±2 minute/month at 25°C
Temperature Alarm:	Programmable temperature alarm with high and low limits selectable in software; When logged data reaches or exceeds either limit, red LED blinks every ten seconds
Activity Indicator:	The green LED blinks every 10 seconds to indicate device is logging. The red LED blinks when an alarm condition exists
Marking Feature:	While logging, hold the push button for 2 seconds to date and time stamp data point
Battery Type:	3V lithium coin cell included, 2 year shelf life; user replaceable
Battery Life:	90 days typical at 25°C, 5 minutes reading rate
Computer Interface:	MLSP-EC RS232 serial interface cable & software package required; 38,400 baud
Software:	XP SP3/Vista/Windows 7/ Windows 8
Operating Environment:	-20°C to +70°C, 0 %RH to 90 %RH non-condensing
Material:	ABS plastic
Dimensions:	1.7 in x 2.6 in x 0.6 in (44 mm x 67 mm x 16 mm)
Weight:	0.9 0z (25 g)
Required Interface Package:	MLSP-EC
Approvals:	CE

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