



LNV CORPORATION

(A Complete Solution for Industrial & Health Care Products and Services)

Elitech®



Multi-Use Data Logger Tlog 10 series

Protect Temperature - Sensitive
Products In Transit & Storage

MULTI-USE DATA LOGGER Tlog 10 series

Overview

Elitech Tlog 10 series data loggers are used to monitoring and recording the temperature (humidity) for foods, pharmaceuticals, and other products during storage and transport, and in each stage of cold chain logistics, such as refrigerated containers, trucks, cooling cabinets, medical cabinets, freezers, and laboratories.

This data logger features a USB port, LCD screen and two buttons designed to prevent accidental touches. You can view device status and parameters by button press, or customize various parameters, multiple thresholds, storage modes, etc. The PDF report can be automatically generated without extra software installed.

Features

- From -40°C~85°C Temperature Measurement Range with $\pm 0.5^\circ\text{C}$ Accuracy
- Professional software for programming the logger and data analysis
- Stores up to 32,000 recorded readings onto internal memory
- Easily generates PDF reports.
- Battery life up to 2 years





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Model Selection	Tlog 10	Tlog 10E	Tlog 10H	Tlog 10EH
Sensor Type	Internal Temperature	External Temperature	Internal T&H	External T&H
Temperature Range	-30°C ~ 70°C (-22°F ~ 158°F)	-40°C ~ 85°C (-40°F ~ 185°F)	-30°C ~ 70°C (-22°F ~ 158°F)	-40°C ~ 85°C (-40°F ~ 185°F)
Humidity Range	/	/	0%RH ~ 100%RH	0%RH ~ 100%RH
Sensor	Digital Temp Sensor	Digital Temp Sensor	Digital T&H Sensor	Digital T&H Sensor
Accuracy	±0.5°C	±0.5°C	±0.5°C ; ±5%RH	±0.5°C ; ±5%RH

Specifications

Resolution	Temperature: 0.1°C/0.1°F; Humidity: 0.1%RH	External probe length	1.2m
Memory	32,000 points (MAX)	Logging Interval	10 seconds ~ 24 hours
Data Interface	USB port	Start Mode	Press button or use software
Battery	3.0V disposable lithium battery CR2450	Stop Mode	Press button, use software, or auto stop
Battery Life	2 years	Alarm Threshold	T:3 high limits & 2 low limits ; H:1 high limit & 1 low limit
Protection Level	IP65	Dimensions	97mmx43mmx12.5mm (LxWxH)