

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 ±0.5°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

Technical Specifications

Model	Tlog 10	Tlog 10E	Tlog 10H	Tlog 10EH
Sensor Type	Internal Temperature	External Temperature	Internal Temperature and Humidity	External Temperature and Humidity
Temperature Range	-30°C ~ 70°C	-40°C ~ 85°C	-30°C ~ 70°C	-40°C ~ 85°C
Humidity Range	/	/	0 ~ 100% RH	0 ~ 100% RH
Data Interface	USB	USB	USB	USB
Accuracy	±0.5°C (-40°C ~ 85°C); ±3%RH (25°C: 20% ~ 80%), ±5%(others)			
Resolution	Temperature: 0.1°C Humidity: 0.1%RH			
Memory	32000 points (MAX)			
Logging Interval	10s ~ 24h			
Report Type	PDF format			
Battery	CR2450 3.0V wide-temperature button cell			
Battery Life	2 years for storage and use; Cumulatively 180 days at 10 min logging interval			
Protection Level	IP65			

