

# Reusable Data Logger Tlog 10 Series



## Overview

Tlog 10 is a high-precision Reusable Data Logger with high measurement accuracy and good sealing performance. It has an LCD screen and anti-accidental touch sinking button design. It supports built-in single temperature/temperature/humidity, external single temperature/temperature/humidity multiple probes to choose from. PDF reports can be automatically generated, and reports can also be exported through data center software. It supports 32000 sets of storage and 180 days of battery life. Widely used in refrigerated trucks, refrigerated boxes, cool cabinets, medical cabinets, laboratories and other scenarios.

## Features

- Support High-precision sensor: imported from Sensirion, SHT31 top sensor, original precise adjustment;
- Nano-scale packaging process: Nano-scale PTFE film is used to ensure the performance of the sensor while protecting the sensor from liquid and dust contamination;
- Button groove design: to prevent bumps in the transportation of goods that cause the goods to squeeze the buttons and cause misoperation;
- Safety and security: in line with the US FDA, UN38.0 NIST CE certification standards, traceability;

## Model List

Configuration	T	E	H	EH
Probe Type	Built-in temperature	External temperature	Built-in T&H	External T&H
Temperature Range	-40°C~85°C			
Temperature Accuracy	±0.5°C (-20°C~40°C); ±1°C (Other)		±0.5°C (-40°C~85°C); ±1°C (Other)	
Temperature Resolution	0.1°C			
Humidity Range	/		0~100%RH	
Humidity Accuracy	/		±3%RH (25°C, 20%RH~80%RH); ±5%RH (others)	
Humidity Resolution	/		0.1%RH	

## Specification

Memory Capacity	32000	Protection Class	IP65
Data Interface	USB A	Dimension	97.0×43.0×12.5mm
Battery type	CR2450	Weight(g)	About 60g
Shelf Life	2 years	Working environment	-30°C~70°C
Battery Life	180 days (recording interval of 10 minutes, room temperature)	Button	Start, Stop
Communication	USB port	Adaptation Software	ElitechLog