

Multi-Use Data Logger Tlog 100 series



Bluetooth Multi-Use Data Logger Tlog B100 series



Overview

This series of recorders has an LCD display and a two-button design that prevents accidental touches. Use key operations to view device status and record parameters. Supports multiple start modes and stop modes to meet the needs of different users. PDF reports can be automatically generated and data can be viewed at any time without software.

Features

- Transparent and traceable data throughout the entire process, preventing cold chain risks and ensuring the safety and compliance of goods and supply chains
- Reduce unnecessary waste of goods and their impact on the environment, and build a global green future
- The integrity of data throughout the entire process of the Internet of Things helps.

Specifications

Model	Tlog 100	Tlog 100E	Tlog 100EC	Tlog 100EL	Tlog 100H	Tlog 100EH
Sensor Type	Internal Temperature	External Temperature	External Cryogenic	External Cryogenic	Internal T & H	External T & H
Temperature Range	-30°C ~ 70°C	-40°C ~ 85°C	-85°C ~ 150°C	-196°C ~ 150°C	-30°C ~ 70°C	-40°C ~ 85°C
Humidity Range	/	/	/	/	0 ~ 100%RH	0 ~ 100%RH
Data Interface	USB	USB	USB	USB	USB	USB
Accuracy	Temperature: ±0.3°C (-20°C-40°C); ±0.5°C (-50°C ~ 85°C); ±1°C (-100°C-150°C); ±2°C (others) ±3%RH (25°C: 20%RH-80%RH), ±5%RH (others)					
Resolution	Temperature: 0.1°C; Humidity: 0.1%RH					
Memory	32000 points (MAX)					
Logging Interval	10s~24h					
Start Mode	Press button or use software					
Stop Mode	Press button, use software, or auto stop					
Alarm Mode	Single, cumulative					
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 and 25°C (Bluetooth not on)					
Protection Level	IP65					

Overview

The Bluetooth model can configure parameters, read data, and print via Bluetooth through the APP, allowing you to view data without opening the box, which is simple, convenient and practical. The Tlog 100B Series features Bluetooth® Low Energy (BLE) technology, allowing remote access and management of data loggers on the outside of the package or vehicle via the Elitech App.

Features

- Bluetooth® access data logger outside the package anytime anywhere, no pairing required
- Auto encrypted PDF report with password protection function
- Built-in USB port allows quick access to PCs and ElitechLog software
- Multiple configuration, downloading, management and sharing via Elitech app (iOS/Android)
- Unlimited storage on Elitech Cloud
- Compliance with CE (EN12830), RoHS, BQB and FDA (21CFR)

Specifications

Model	Tlog B100H	Tlog B100EH	Tlog B100EC	Tlog B100EL
Type	Internal Temp & Humi	External Temp & Humi	External Cryogenic	External Cryogenic
Measuring Range	-30°C~70°C; 0%RH~100%RH	-40°C~85°C; 0%RH~100%RH	-85°C~150°C	-196°C~150°C
Sensor	Digital Temperature Sensor	Digital Temperature and Humidity Sensor	PT Resistance Temp Sensor PT100	
Accuracy	Temperature: ±0.3°C(-20°C~40°C), ±0.5°C (-50°C~85°C), ±1°C(-100°C~150°C), ±2°C(others) Humidity: ±3%RH(25°C; 20%RH~80%RH), ±5%RH (others)			