# Elitech®

## Multi-Use Data Logger
## Tlog 100 Series

Tlog 100EH    Tlog 100E    Tlog 100EC

## Overview ▼

This series of recorders have LCD display and prevent the wrong touch of the double button design. Key operation to view device status and record parameters; Supports multiple start modes, stop modes and multiple smell Settings to meet the needs of different users; It supports two storage modes: full stop and loop cover. PDF reports can be automatically generated and data can be viewed at any time without software. Bluetooth model can configure parameters, read data and print Bluetooth via APP, realizing that you can view data without opening the box, which is simple, convenient and practical.

## Features ▼

● Bluetooth® function is optional for this series of products
● The software is FDA certified.
● Imported Sensirion sensors with precise original calibration.
● PTFE membrane adopted for protecting the sensor from contamination by liquids and dust while ensuring sensor performance.
● Rapid sensing of the actual ambient temperature.
● Elimination of misoperation caused by cargo jolts during transportation.
● Data transmission by USB and Bluetooth to meet different operation needs.
● Suitable for various environmental demands including incubator, cool cabinets, cryogenic refrigerator, dry ice and liquid nitrogen.

## Technical Specifications

| Model | Tlog 100 | Tlog 100E | Tlog 100EC | Tlog 100EL | Tlog 100H | Tlog 100H |
|---|---|---|---|---|---|---|
| Sensor Type | Internal Temperature | Internal Temperature | Internal Temperature | Internal Temperature | Internal T & H | External T & H |
| Temperature Range | -30℃ ~ 70℃ | -40℃ ~ 85℃ | -85℃ ~ 150℃ | -196℃ ~ 150℃ | -30℃ ~ 70℃ | -40℃ ~ 85℃ |
| Humidity Range | / | / | / | / | 0 ~ 100%RH | 0 ~ 100%RH |
| Data Interface | USB | USB | USB | USB | USB | USB |
| Accuracy | Temperature: ±0.3℃ (-20℃-40℃); ±0.5 ℃ ( - 50 ℃ ~85℃); ±1℃(-100℃-150℃); ±2℃ (others) ±3%RH (25 ℃: 20%RH -80%RH), ±5%RH(others) | | | | | |
| Resolution | Temperature: 0.1℃; 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℃ (Bluetooth not on) | | | | | |
| Protection Level | IP65 | | | | | |