



Elitech Tlog 10H Temperature and Humidity Data Logger IP65 -30~+70°C

SKU: ELITLOG10H
Manufacture Warranty period: 12 months
Country of Origin: China

Introduction

Tlog 10 series data loggers can be widely used in each stage of storage and cold chain logistics, such as refrigerated containers/trucks, cooler bags, cooling cabinets, medical cabinets, freezers, and laboratories.

The loggers feature an LCD screen and two two-button design. They Support various start and stop modes, multiple threshold settings, two storage modes (stop when full G cyclic record), and PDF reports automatically generated for users to check data without using the software.

Features

- From -30°C~70°C Temperature Measurement Range with $\pm 0.5^\circ\text{C}$ Accuracy
- Small size, LCD screen, and two buttons design
- Professional software for programming the logger and data analysis
- Stores up to 32000 recorded readings onto internal memory
- Easily generates a PDF report
- IP 65 protection class
- Battery life up to 2 years



IP65
Waterproof



Anti-touch
Button Design



Specifications

Temperature	
Range:	-30°C~70°C (-22°F~158°F)
Accuracy:	±0.3°C (-20°C~40°C) ; ±0.5°C (others)
Resolution:	0.1°C / 0.1°F
Humidity	
Range:	0%~100%RH
Accuracy:	±3%RH (25°C, 20%~90%RH); ±5%RH (others)
Resolution:	0.1% RH
Sensor Type:	Internal temperature and humidity sensors
Export Data	
Software	Eligible for Mac or Windows
Adjustment Interval	10 sec to 24 hours
Capacity	32,000 points (MAX)
Alarm Type	Single, cumulative
Alarm Delay	10 seconds ~ 24 hours
Data Interface	USB port
Report Type	PDF data report
Operation Temperature	-30°C~70°C (-22°F~158°F)
Battery	1 x 3V disposable lithium battery CR2450
Battery Life	2 years for storage and use (25°C:10 minutes logging interval and can last 180 days)
Protection Levels	IP65
Dimensions	97 x 43 x 12.5mm
Weight	45 grams (Battery included)

Package includes

1 x Tlog-10H Datalogger
1 x User Manual
1 x CR2450 Lithium Battery

Note: The battery is not rechargeable.



Auto PDF Report



A	B	C	D	E
Data Report				
File created on: 2022-07-18 11:43:01				
Device Information				
Device Model	T100 10E	Sensor Type	Temperature(External)	
Serial Number	CMN218000304	Firmware Version	V1.1	
Trip Description				
Trip Number	0000001			
Trip Description	Temperature recording			
Config. info				
Start Mode	Press Button	Logging Interval	0:0:30	
Start Delay	09:00	Repeat Start	Enable	
Time Zone	UTC +08:00	Stop Mode	Press Button + Use Software	
Light	Disable	Alarm Logging Interval	Shorts, Disable	
Mark Time				
N/A				
Alarm Threshold				
H1:				
H2:				
H1: 30.0°C	0D 0H 1M 0S	0D 0H 0M 0S	0	Normal
Ideal Zone	Unlimited	0D 0H 21M 10S		
L1: 2.0°C	0D 0H 0M 0S	0D 0H 0M 0S	0	Normal
L2:				
Summary				
Maximum	27.3°C	First Reading	2022-07-18 11:21:34	
Minimum	26.4°C	Last Reading	2022-07-18 11:42:44(Temporary)	
Average	26.3°C	Recorded Period	0D 0H 21M 10S	
Mean Kinetic Temperature (M)	26.3°C	Current Reading	128	
First Alarm(Temperature)	N/A	First Alarm(Humidity)	N/A	
No.	Time	Temperature °C		
1	2022-07-18 11:21:34	27.2		
2	2022-07-18 11:21:44	27.2		
3	2022-07-18 11:21:54	27.2		
4	2022-07-18 11:22:04	27.2		
5	2022-07-18 11:22:14	27.2		
6	2022-07-18 11:22:24	27.2		
7	2022-07-18 11:22:34	27.1		
8	2022-07-18 11:22:44	27.2		
9	2022-07-18 11:22:54	27.1		
10	2022-07-18 11:23:04	27.1		
11	2022-07-18 11:23:14	27.1		
12	2022-07-18 11:23:24	27.1		

Data in Excel Format

Data Report

File created on: 2022-07-18 11:23:32

Device Information

Device Model: T100 10E Probe Type: Temperature(External)
 Serial Number: CMN218000304 Firmware Version: V1.1
 Mode Code: TLCCFF003

Trip Description **Mark Event**

Trip Number: 0000001 N/A
 Trip Description: Temperature recording

Config. info

Start Mode: Press Button Logging Interval: 15s
 Start Delay: 09 Cyclic Record: Disable
 Time Zone: UTC +08:00 Stop Mode: Press Button + Use Software

Alarm Threshold	Alarm Delay	Alarm Type	Over-limit Duration	Over-limit Times	Alarm Status
H1: Above: 30.0°C	1m	Cum	0s	0	OK
Ideal Zone:	Unlimited		1m		
L1: Below: 2.0°C	0s	Cum	0s	0	OK

Summary

Maximum: 27.2°C Start Time: 2022-07-18 11:21:34
 Minimum: 27.1°C Stop Time: 2022-07-18 11:22:34 (Temporary)
 Average: 27.1°C Logging Duration: 1m
 MKT: 27.1°C Data Points: 7
 First Alarm(Te): N/A

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Data in PDF Format