118D Temperature Data Logger

Tekneka

Tekneka 118D is a reusable temperature data logger with measuring ranges of -30 to 60°C (-22 to 158°F) and a 1-inch LCD for convenient monitoring. This device can save up to 32,000 readings of data and is simple to use, reliable, and accurate. While linked to a PC, it may automatically produce data reports (PDF, CSV). Its extremely high, high, low, and extremely low alert limits can be customized. The logging interval ranges from 10 seconds to 24 hours. The Tekneka 118D can view log points, perform start/stop operations, display MIN/MAX values, and add markups while recording data points. A 3V battery (CR2032) powers this reusable data logger.

Features

- It has a 1-inch LCD that shows the state of the recording
- Can save up to 32,000 data readings and is easy to use, dependable, and accurate
- Through software, logging intervals, timing, and alert limits can be set
- It's extremely high, high, low, and extremely low alert limits can be customized
- At configuration time, the temperature units can be switched from °C to °F
- Users can add password encryption to the recorded report to secure it
- Automatic report generation while connected to a computer
- Up to 10 points can be marked while in the recording state
- Configurable UTC time zone, start, and alarm delays
- It can generate data in PDF and CSV format
- Can configure high/low temperature alarm limitations
- Data extraction is simple, protected by IP65, and very accessible

Applications

This reusable temperature data logger can be widely used in Warehouse Storage, Logistics, Cold Chain Transportation, Refrigerated Containers, Refrigerated Vehicles, Refrigerated Distribution Boxes, Refrigerated Containers, Cold Storage, Laboratory, and Agricultural Greenhouses.

Description	Ranges
Temperature Measuring Range	-30 to 70°C (-22 to 158°F)
Temperature Accuracy	±0.5°C (-20 to 40°C), ±1.0°C (other)
Display Resolution	0.1°C
Usage Type	Reusable
Memory Range	32,000 data points
Data Logging Interval	10 seconds to 24 hours (programmable)
Start Mode	Button/Specific date & time
Start Delay	0 to 720 minutes
Time Zone	UTC 0.00 (default)
Temperature Alarm	Upper & Lower limit setup
Alarm Delay Option	Yes
Export Report Format	PDF, CSV
Device Interface	USB 2.0
Battery	1 x 3V coin cell battery (CR2032)
Battery Life	Typically 1 year
Operating Temperature	-30 to 65°C (-22 to 149°F)
Protection Class	IP65
Dimension	80 x 25 x 12mm
Weight	Net: 25g, Gross: 43g

Packing Includes

- 118D Data Logger
- 1 x 3V Battery (CR2032)
- Calibration Certificate
- User Manual

Ordering Info

118D.....Temperature Data Logger

Software Download