



# MU-02

## TEMPERATURE DATA LOGGER



### Overview

The MU-02 Temperature Data Logger is a compact, reusable USB temperature monitoring device designed for accurate recording of temperature conditions during storage and transportation. It features PDF report generation, multiple alarm settings, and repeat start functionality, making it ideal for cold chain and pharmaceutical applications.

### Features

- Internal temperature sensor with accuracy up to  $\pm 0.5^{\circ}\text{C}$
- Built-in USB port for direct connection to PC
- Memory capacity up to 32,000 readings
- Automatic encrypted PDF report generation with password protection.
- Up to 5 configurable alarm thresholds
- Reprogrammable with Elitech Windows or Mac software
- IP67 protection rating
- Compliance with CE (EN12830), RoHS and FDA (21CFR)

Specification	MU-02
Measurement Range	$-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$ ( $-22^{\circ}\text{F} \sim 158^{\circ}\text{F}$ )
Sensor Type	Internal
Temperature Accuracy	$\pm 0.5^{\circ}\text{C}$ ( $-20^{\circ}\text{C}$ to $40^{\circ}\text{C}$ ), $\pm 1.0^{\circ}\text{C}$ (others)
Display Resolution	$0.1^{\circ}\text{C}$
Memory	32,000 points (MAX)
Logging Interval	3 minutes (standard)
Start Mode	Press Button or Scheduled date & time
Stop Mode	Press Button, use software, or auto stop
Alarm Threshold	Configurable
Alarm Configuration	Optional, up to 5 points
Report Type	PDF
Data Interface	USB port
Battery	3.0V disposable button cell CR2032
Battery Life	Typically, 1 Year
Protection Level	IP65
Dimensions	80 mm x 25 mm x 12 mm (LxWxH)

### Applications

Widely used in Cold chain transportation, pharmaceutical storage, Food processing and distribution, Warehouses and logistics centers, Refrigerated vehicles and containers, Laboratories, Agricultural storage and greenhouses.

### Package Contents

- MU-02 Temperature Data Logger
- User Manual
- Calibration Certificate (Optional)

### Ordering Information

Model Code: MU-02... Temperature Data Logger