



USB+PDF Temperature Data Logger

Highlights of Tempod MP



Encrypted PDF Report

Automatically generating encrypted PDF format report, no software required.



USB Connector

Enables quick connection with PC anytime anywhere, no cable and reader required for downloading data.



EN12830

EN12830 Compliant

Complies to EN12830:1999 for transport, storage and distribution of chilled, frozen, deep frozen, quick-frozen food and others.



Multiple Alarm Ranges

Up to 5 alarm ranges offer precise and intuitive statistics for each configured alarm range.



MARK

Mark Function

Click Mark button to write in time stamp for events requiring special attention during shipment, up to 9 marks available.



Qualified for Air Transport Monitoring

Complies to RTCA/DO-160G Environmental Conditions and Test Procedures for Airborne Equipment, qualified for air transport under active status.



3-point Calibration

100% Factory 3-point calibration, each logger comes with a NIST traceable calibration certificate.



TempCentre Support

Work with TempCentre desktop software to obtain precise insight into shipping environment information with help of a collection of advanced data analysis tools, to enable more efficient management for history data.

Tempod MP series temperature data loggers are designed for recording complex temperature conditions in transport and storage for temperature sensitive goods, on arrival of destination, user could easily access data by copying the encrypted PDF report created automatically by logger itself, with mark button for recording important events, users would be fully aware of the all events which need special attention, and multiple alarm ranges could offer more detailed statistic results for each alarm range programmed, bringing user more visibility for cold chain logistics.

Type	Multi-use
Sensor	Internal NTC
Memory Capacity	28800 readings
Measurement Range	-30°C...70°C (-22°F...158°F)
Accuracy	±0.5°C/0.9°F
Resolution	0.1°C /°F
Start Mode	Manual start/Auto start
Logging Interval	10 seconds...2 hours
Alarm Ranges	High and low alarm/5 alarm ranges
Alarm Type	Single Event/Cumulative Alarm
Battery	3.0V CR2450 lithium battery (Replaceable)
Typical Run Time	1 year (30 minutes per point)
Shelf Life	2 years
Display	Multi-function LCD <ul style="list-style-type: none"> •OK(✓), Alarm(x), Running indicator •Statistics (max, min, avg) •Mark history
Button	Start/Stop/Mark
Connection	USB 2.0 Connector
Data Specification	<ul style="list-style-type: none"> •Temperature •Date/Time •Mark
Automatic Data File	Encrypted PDF report
Software	TempCentre
Compatible OS	WIN XP/7/8
Calibration	100% Factory 3-point Calibration
Certifications	CE, EN12830, RTCA-DO160G
Dimensions	88mm L x 36mm W x 12.5mm H
Weight	Approx. 33g
Packaging/Material	Case/Polycarbonate
Protection Class	IP54

TempSen Electronics Company, a leading provider of data loggers & data acquisition systems headquartered in Shanghai, China, is committed to continuously offering a broad range of temperature monitoring devices and solutions for food and pharmaceutical industries, helping users employ stringent and effective monitoring measures for temperature sensitive goods in transit and storage. TempSen reserves the right to change any specifications and information about products without prior notice. TempSen, ITAG, Tempod are registered trademarks of TempSen Electronics Company. All other trademarks mentioned herein are property of their respective companies.