

TEMPSEN

Tempod[®] MP-1 In-Transit Temperature Data Logger



High cost performance in-transit data logger

Highlights of Tempod MP-1



USB Connector

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



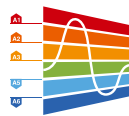
EN12830 Compliant

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



Mark Function

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



Multiple Alarm Ranges

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



3-point Calibration

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



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.



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.

SPECIFICATIONS

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 via TempCentre software, 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.

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|--------------------|--|
| 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 |
| 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.