

Temperature USB PDF Data Logger TEMPOD 30

DS-P030-170504



AUTO PDF REPORT WITH EMBEDDED RAW DATA

Automatically generated encrypted PDF format report, no software required to access data file. Embedded raw data allows further data processing via TempSen cloud and 3rd party system.



USB 2.0



HEIGHTENED MEASUREMENT ACCURACY

Measurement accuracy heightened to $\pm 0.3^{\circ}\text{C}$ to present customer more precise reflection of temperature fluctuation.



INTUITIVE LCD INDICATION

LCD presents all key information including recording statistics, alarm and running status, remaining battery volume.



MULTIPLE ALARM RANGES

Up to 5 alarm ranges offer detailed and precise temperature excursion statistics.



PASSWORD PROTECTION

Enable password protection to prevent unauthorized manipulation to device.

IP65

IP65 RATING

Thorough protective design ensures logger continuously and stably works in complex environments.



SPECIFICATIONS

Type	Multi-use
Sensor	Temperature: Internal NTC sensor
Memory Capacity	28800 readings
Measurement Range	-30°C...70°C
Accuracy	±0.3°C (-20°C...20°C) ±0.5°C (other range)
Resolution	0.1°C / °F
Start Mode	Manual / Auto / Temperature start
Logging Interval	1 minute...2 hours
Alarm Range	High and low alarms / 5 alarm ranges
Battery	3.0V lithium battery, user replaceable
Battery Life	18 months
Display	LCD •OK(√), Alarm(x), alarm zone •Running status •Temperature statistics (max, min, avg) •Remaining battery level •Mark history
Connection	USB 2.0 Connector
Automatic Data File	Encrypted PDF report with embedded raw data
Software	TempCentre2 (21 CFR 11 compliant)
Calibration	Factory NIST traceable 3-point calibration
Certifications	CE, FCC, EN12830, RTCA-DO160G, IATA PI970 II, RoHS, WEEE
Protection Class	IP65
Dimensions	100mm L x 40mm W x 12mm H
Weight	Approx. 48g
Packaging / Material	Case / Polycarbonate

FEATURES

- ✓ USB connector allows downloading data without reader or cable
- ✓ Software-free online configuration, multi-platform compatible
- ✓ Repeat start enables launching new recording immediately without configuration
- ✓ Time mark for events requiring special attention
- ✓ Firmware user upgradable
- ✓ IATA PI970 II compliant, your goods with Tempod inside will not be handled as dangerous goods
- ✓ RTCA DO-160G compliant allows monitoring in air freight
- ✓ GxP regulations compliant

APPLICATIONS



Sea / Air Freight monitoring



Distribution / Last-mile delivery monitoring



Storage monitoring

Temperature USB PDF Data Logger TEMPOD 50X

DS-PO50X-170504



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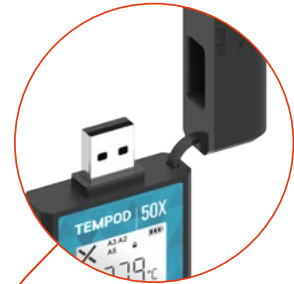
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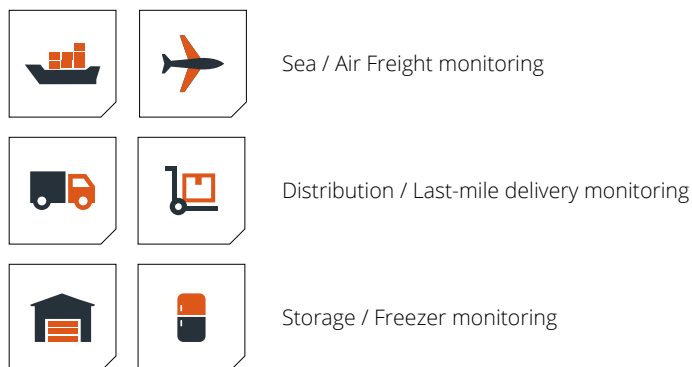
SPECIFICATIONS

Type	Multi-use
Sensor	Temperature: External NTC sensor (1m)
Memory Capacity	28800 readings
Measurement Range	-50°C...70°C
Accuracy	±0.3°C (-20°C...20°C) ±0.5°C (other range)
Resolution	0.1°C / °F
Start Mode	Manual / Auto / Temperature start
Logging Interval	1 minute...2 hours
Alarm Range	High and low alarms / 5 alarm ranges
Battery	3.0V lithium battery, user replaceable
Battery Life	18 months
Display	LCD •OK(√), Alarm(x), alarm zone •Running status •Temperature statistics (max, min, avg) •Remaining battery level •Mark history
Connection	USB 2.0 Connector
Automatic Data File	Encrypted PDF report with embedded raw data
Software	TempCentre2 (21 CFR 11 compliant)
Calibration	Factory NIST traceable 3-point calibration
Certifications	CE, FCC, EN12830, RTCA-DO160G, IATA PI970 II, RoHS, WEEE
Protection Class	IP65
Dimensions	100mm L x 40mm W x 12mm H
Weight	Approx. 56g
Packaging/ Material	Case / Polycarbonate

FEATURES

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APPLICATIONS



TEMPSEN



monitoring for
Life Science



DS-A-140906 Rev. B

Alpha T30

Temperature USB PDF Data Logger



Auto PDF Report with Embedded Data

Automatically generating encrypted PDF format report, no software required to obtain data, embedded raw data allows analyzing report via TempCentre and Cold Chain Cloud.



Extra Long Battery Life

Up to 900 days battery life offers long-term continuous recording possibilities.



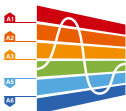
Repeat Start

Repeat start function enables quick start on site without re-configuration.



Online configuration without software

In support of online configuration without needing to download and install any specific software.



Multiple Alarm Ranges

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



Mark Function

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



EN12830 Compliant

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



TempCentre 2 Support

Work with TempCentre 2 desktop software to easily and accurately view, analyze, archive and share data recorded from transport and storage, and achieve 21 CFR 11 compliance.

SPECIFICATIONS

Type	Multi-use
Sensor	Temperature: Internal NTC sensor
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 / Auto / Temperature start
Logging Interval	1 minute...2 hours
Logging Mode	Start & Stop / Loop
Alarm Range	High and low alarm / 5 alarm ranges
Battery	3.6V lithium battery
Run Time	900 days
Display	Multi-function LCD <ul style="list-style-type: none">•OK(√), Alarm(x), Running status•Temperature statistics (max, min, avg)•Limit violation event indication•Duration time of each alarm zone•Mark history•Remaining battery days
Button	Start / Stop / Mark / View
Connection	USB 2.0 Connector
Data Specification	<ul style="list-style-type: none">•Temperature•Date / Time•Mark
Automatic Data File	Encrypted PDF report with embedded raw data
Software	TempCentre 2 (21 CFR 11 Compliant)
Compatible OS	WIN 7 / 8 / 10
Calibration	Factory NIST traceable 3-point calibration
Certifications	CE, EN12830, DO160G, RoHS
Dimensions	107mm L x 48mm W x 12mm H
Weight	Approx. 65g
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.

TEMPSEN



monitoring for
Life Science



DS-A-140906 Rev. C

Alpha T50X

Temperature USB PDF Data Logger with
External NTC Sensor



Auto PDF Report with Embedded Data

Automatically generating encrypted PDF format report, no software required to obtain data, embedded raw data allows analyzing report via TempCentre and Cold Chain Cloud.



Extra Long Battery Life

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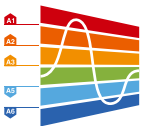
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TempCentre 2 Support

Work with TempCentre 2 desktop software to easily and accurately view, analyze, archive and share data recorded from transport and storage, and achieve 21 CFR 11 compliance.

Type	Multi-use
Sensor	Temperature: Interchangeable external NTC Probe (1m)
Memory Capacity	28800 readings
Measurement Range	-50°C...70°C (-58°F...158°F)
Accuracy	±0.5°C / 0.9°F
Resolution	0.1°C / °F
Start Mode	Manual / Auto / Temperature start
Logging Interval	1 minute...2 hours
Logging Mode	Start & Stop / Loop
Alarm Range	High and low alarm / 5 alarm ranges
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Automatic Data File	Encrypted PDF report with embedded raw data
Software	TempCentre 2 (21 CFR 11 compliant)
Compatible OS	WIN 7 / 8 / 10
Calibration	Factory NIST traceable 3-point calibration
Certifications	CE, DO160G, RoHS
Dimensions	107mm L x 48mm W x 12mm H
Weight	Approx. 75g
Packaging/Material	Case / Polycarbonate
Protection Class	IP54