Temperature USB PDF Data Logger

TEMPOD 30

PT. ZOE PELITA NUSANTARA

DS-PD30-170504 REV. B

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.

HEIGHTENED MEASUREMENT ACCURACY

Measurement accuracy heightened to ±0.3°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 RATING

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

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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, 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

INDONESIA :

ZOE

PT ZOE PELITA NUSANTARA
Jl Cikini 2 No 8B
Jakarta Pusat 10330
Indonesia
Telp. 021-2302118

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 data monitoring devices and solutions for customers from life science to food industry, helping users employ stringent and effective monitoring measures for temperature sensitive goods in transit and storage. TempSen is an ISO9001:2008 company. 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.

T:+86 21 6768 5210 F:+86 21 6768 5232 E: info@tempsen.com www.tempsen.com