

# Temperature USB PDF Data Logger TEMPOD 50X

DS-PO50X-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.



## 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.



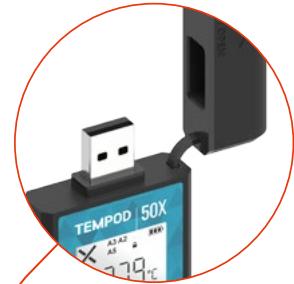
## PASSWORD PROTECTION

Enable password protection to prevent unauthorized manipulation to device.

## IP65

## IP65 RATING

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



USB 2.0



## 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)<br>±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<br>•OK(√), Alarm(x), alarm zone<br>•Running status<br>•Temperature statistics (max, min, avg)<br>•Remaining battery level<br>•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

- ✓ 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

