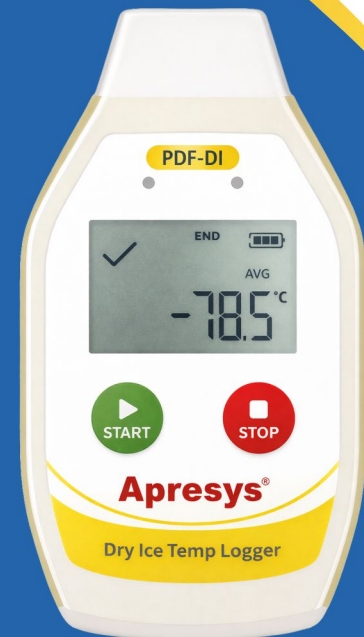


PDF-DI Single-Use Display Ultra-Low Temperature Data Logger

PDF-DI Probeless dry ice temperature data loggers are a cost - effective, simple - to - use, and reliable option, serving as the perfect solution for monitoring the temperature of dry ice shipments.

Specifically, it boasts versatile applicability, finding use in a wide range of applications. These include monitoring the temperature of blood plasma, vaccines, pharmaceuticals, frozen foods, as well as shipping containers, ensuring the integrity of various temperature - sensitive items throughout the shipping process.



Features

- Large Storage Capacity for Worry - Free Data
- Ultra - Low Temperature Adaptation, No Environmental Barriers
- Accurate Monitoring for Reliable Data
- Easy Operation with Plug - and - Play
- Low - Temperature Battery Life for Stable Power Supply
- Durable Design for Adapting to Diverse Environments
- Intelligent Generation with Diverse Formats

Specification

Model	PDF-DI
Type	Single use
Operating Range	-80 °C to +70 °C (-121°F to +158 °F)
Measurement Range	-80 °C ~ 70 °C (-112 °F ~ 158 °F)
Accuracy	±1°C (-80°C~30°C) ,±1.5°C (others)
Resolution	0.1°C over full temperature measurement range

Specification

Data Storage Capacity	32,000 data points
Battery Type	2*3.6V Ultra-low temperature industrial batteries, non-rechargeable
Data Sampling Interval	Fixed 5 minutes (default)
Start Up Delay	30 min
Alert Limit	Temperature Max/Min limit (Pre-factory setting)
Alert Mode	Single/Cumulative/Consecutive
Temperature Unit	°C / °F
Time Zone	Default UTC+0 (Optional; Pre-factory setting)
Shelf Storage Life	1 year
Record Life	30 days (3min interval time);60 days (5min interval time); 90 days (10min interval time)
LCD Indicators	Started, Stopped, Alarm status: OK (√), Alarmed (×) , Date, time, Max, Min, Average, Data Points, Sampling Interval, Electric quantity
LED Indicators	Startup, Stop, Record, Alarm
Start Up Options	Manual push button
Typical Dimensions	110mm L x 55.4mm W x 12.4mm H
Weight	Approximately 75 g
File Formats	PDF&CSV
IP Rating	IP64
Time Accuracy	± 10 minutes per month when exposed to temperatures at -78.5°C
Computer Interface	USB 2.0
Minimum System Requirements	Windows 7 or higher/Mac 10 or higher

Ship air, ground, ocean in accordance with – IATA Dangerous Goods Regulations; UN 3091, Packing Instruction 970 Section II – Excepted Lithium Metal and Lithium Alloy Cells and Batteries;

LED light Indications



The device can be started by holding down the START button about 5s, Red indicator will flash 3 times slowly than 10 times fast that means data logger has been started, REC displayed.

During recording, red indicator will flash every 5 sec, short press, the LED will flash fast.

When finish data recording, connect with computer, generate reports automatically, save report. Data logger will stop working when connect to PC.

Red indicator will stay on bright about 5 seconds when click button that means the data logger has been used and cannot be started again. END displayed.

Note: Once the logger is connected to the computer, it will stop recording and cannot be started again.

ACT Sensors reserves the right to make any change in this datasheet without notice. The information provided is believed to be accurate and reliable as of this product sheet.



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Your Engineering Partner...

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