

PDF-TS Single-Use Temperature Data Logger

PDF-TS Single-Use Temperature Data Logger is specifically designed for the development of cold chain industry, widely used for temperature monitor and record during storage, shipping and transportation of food, medicine, logistics, vaccines, chemicals and other industries. After the data recording is completed, connect the data logger with the computer USB port. No need to install any software or drivers, temperature data logger will generate a report in PDF /CSV format automatically.



Specification

Temperature range	: -30 °C ~ + 70 °C (-22 °F ~ 158 °F)
Accuracy	: ± 0.5 °C / 1 °F
Resolution	: 0.1 °C / °F
Model	: PDF-TS (Default interval time: 10 minutes) Recording up to 110 days
Data Storage Capacity	: 16,000 readings
Temperature units	: °C / °F
Delay Start Time	: 20 minutes
Storage time	: 1 year
Button functions	: Start / Checking working status
LED	: Green Indicator (Not activated, Recording, Stop)
LED	: Red Indicator (Alarm)
Alarm Limit	: None (default) Customized
Alarm Type	: Red indicator will flash every 5s if the temperature has been out of range

Specification

Report Type	: PDF /CSV
Interface	: USB 2.0
Time Zone	: UTC+ 0 (default) Customized
Power Supply	: 3.0V CR2032 lithium battery
Shelf Life	: 1 year
Operating System	: WIN XP / 7 /8 /10/11 and MAC
Waterproof Level	: IP67 (with Seal-Bag)
Dimensions	: 10cmx4.5cmx0.5cm
Weight	: 12 g

User Guide

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

During recording, Green indicator will blink once every 5s without press. Short press, the green LED will blink fast. Red indicator will blink once every 5s on working once the temperature is out of temperature upper and lower limit.

When finish data recording, connect with computer, generate PDF report automatically. Data logger will stop working automatically. You can not stop the data logger on manual.

Green indicator will stay on bright 5 seconds when click button that means the data logger has been used and cannot be started again. Red indicator will stay on bright 5 seconds if the temperature has been out of range after stop.

Red/Green LED Indicator Instruction

Operation	LED indicator	Status
Before start, quick click the start button	Green indicator will blink once then off	Not activated
To start recording, press start button for 5s	Green indicator flashes 5 times slowly and keeps flashing 10 times fast	Activated
On recording	Green indicator blink once every 5 sec. Short press, the LED light will flash fast	During recording
Alarm on recording Exceeding the temperature upper and lower limit	Red indicator blink once every 5 sec. Short press, Green indicator will flash fast.	During recording
After stop, click start button	Green indicator will stay on bright 5 seconds. Red indicator will stay on bright 5 seconds if the temperature has been out of range.	Stop recording

Note:

1. Make sure the data logger has been started before place it into the environment to use.
2. Don't place the temp data logger directly into the corrosive liquid.
3. Please no direct heating or micro-wave heating or charge the battery.
4. Please recycle or dispose the temp data logger in accordance with local laws and regulations.

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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