RELIABLE **SINGLE-USE USB** TEMPERATURE DATA LOGGER

PROTON S100

Temperature monitoring for assets that require long haul logistics

PROTON S100 is designed to cater to assets which require temperature monitoring for longer durations, up to 110 days. The data logger has an integrated USB port & LED indicators for trip & violation status.

- High-Precision Digital Temperature Sensor
- PDF & CSV Reports
- Cost Effective & Reliable
- Robust & Durable Plastic Enclosure
- 2 Years Shelf-Life
- IP64 Grade

STATUS & ALARM INDICATION

ADAPT LOGGERS

START (3-sec)
STATUS (1 click)
STOP (3-sec)

PROTON S100
SINGLE-USE TEMPERATURE DATALOGGER

KM2-1234
SCAN ME !

Product Anatomy

STATUS & ALARM INDICATION

ADAPT LOGGERS

START (3-sec)
STATUS (1 click)
STOP (3-sec)

PROTON S100
SINGLE-USE TEMPERATURE DATALOGGER

KM2-1234
SCAN ME !

PROTON S100
Single-Use Temperature Datalogger

Default Configuration

Time Zone: GMT+05:30, IST
Temp. Violation Range: 2°C - 8°C
Runtime: 180 Days
Delay Interval: 30 mins
Log Interval: 5 mins

Calibration Expiry Date:
Manufacturing Batch:

support@adaptideations.com
+91 40-452-07973

Designed & Made in India

FC CE RoHs

www.adaptloggers.com

01. USB Connector
02. Status/Violation LED
03. Button
04. Device ID/QR Code

PDF Data Report

File Created: 16-Aug-2021 15:19:19
Timezone:

Device Information:

Device Id:	Test3	Model Number	KSB-T
Log Interval	00d 00h 10m 00s	Start Mode	START BY BUTTON
Temperature Type	°C	Version	V1–V1.0.6.2
Start Delay	00d 00h 30m 00s		

Logging Summary

Start Time	06-Aug-2021 13:05:07	Data Points	1450
Stop Time	16-Aug-2021 15:18:45	Highest Temperature	29.87 °C
Elapsed Time	10d 02h 13m 38s	Lowest Temperature	-13.94 °C
Record Mode	STOP WHEN FULL	Average Temperature	16.92 °C
Stop Mode	STOP BY BUTTON	MKT	25.49 °C

Alarm Condition	First Point Time	Time of Violations	No. of Violations	Status
Above 8.00	07-Aug-2021 22:20:00	07d 06h 10m 00s	1045	Alarm
Below 2.00	07-Aug-2021 11:30:00	01d 18h 50m 00s	257	Alarm

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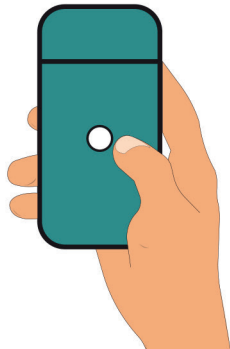Sample PDF Report Output

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Easy To Use

START
Press the button for 3 seconds to start.

PLACE
Place the device in your consignment.

END TRIP & GET REPORT
Press the button for 3 seconds to end the trip, and connect through USB to get trip report.

Technical Specifications

Recording Options:	**Single-Use**	Dimensions:	**94 mm x 41.5 mm x 10 mm (LxWxD)**
Temperature Range:	**–30 ˚C to +60 ˚C**	Weight:	**20g**
Temperature Accuracy:	**±0.5˚C (from –30 ˚C to +60 ˚C)**	Protection Class:	**IP64**
Temperature Resolution:	**0.1 ˚C**	Certifications:	**According to EN 12830, CE**
Data Storage Capacity:	**31,200 readings**	Report File Output:	**PDF or CSV file**
Shelf Life / Battery:	**2 years / CR2450 button cell**	Connection Interface:	**USB 2.0, A-Type**
Datalogging Interval:	**10 minutes (Configurable)**	LCD Indications:	**Status LED indicates : PRE-REC, REC & END mode**
Delay Interval:	**30 minutes (Configurable)**		
Recording Duration:	**110 days**		**Alarm LED indicates : Temperature Violations**
Startup Mode:	**Button Press for 3 seconds.**		
Stop Mode:	**Button Press for 3 seconds, or Plug the USB to a Port**		

*Data sheet is correct as of 10/22. The product may be subject to minor changes and enhancements in the future.

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