

USER MANUAL

Rajmudra

Dual Temperature Data Logger

1. Product Overview

The Rajmudra is a dual-channel temperature data logger equipped with external probes. It records temperature offline as well as online and synchronizes to a web dashboard on cloud server via Wi-Fi connectivity.

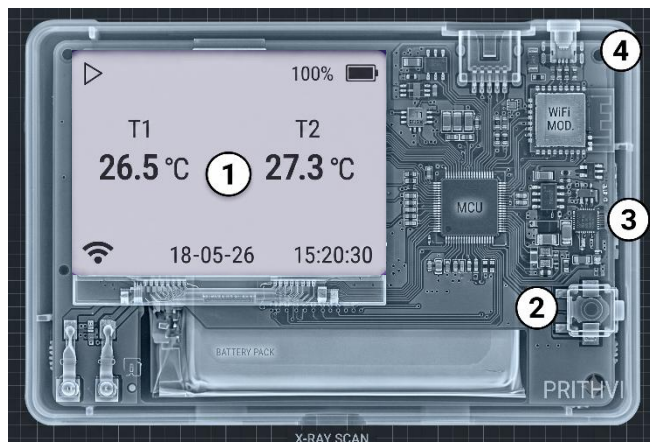
Alerts are triggered on threshold breach through an in-built buzzer, SMS, email, and voice notifications. The device is rechargeable via universal USB-C charger and can be configured entirely through a plug-and-play web dashboard.



3. TECHNICAL SPECIFICATIONS

Temperature Range	-100°C to +300°C
Temperature Accuracy	±0.5°C
Temperature Resolution	0.1°C
Channels	Dual Channel (External Probe)
Memory	100,000 records locally (approx. 4-month backup with 15 mins sending interval)

Logging Interval	Configurable: 1 to 60 minutes
Cloud Sync Interval	Configurable: 1 to 60 minutes
Battery	14,000 mAh Li-ion — USB-C charging
Alerts	On-board buzzer, SMS, Email, Phone Call
Reports	Data & Audit Reports
Installation	Plug and Play Device



1) Display Information

Temperature	Wi-Fi Status
Battery Status	Date
Number of Logs	Time

2) Button Function

Single Press	Display On
Double Press	Wi-Fi ON / OFF
Triple Press	Start / Stop Logging

3) Charging Port

Universal Type-C port for recharging

4) Toggle Switch

Toggle Switch to turn device ON / OFF