

# REAL TIME TRACKER

## V5 BIO SERIES - SINGLE USE

Master Temperature Beyond Borders



FOR AIR, OCEAN,  
RAIL & ROAD  
SHIPMENTS

APPROVED BY  
OVER 70 AIRLINES

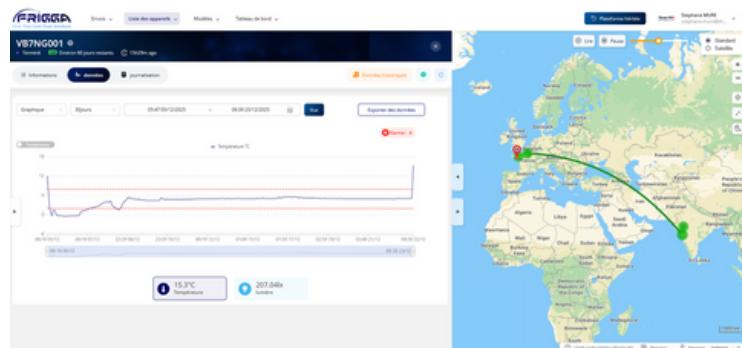
### Connected & Hassle-Free

Frigga® V5B/C BIO trackers are **Pharma Grade** single-use devices that monitor temperature, humidity\*, light, shock\*, and location in real time.

With **global connectivity across 140+ countries**, instant alerts notify you via email, SMS, or app if temperature excursions occur, ensuring compliance and protecting sensitive shipments.

**No hidden costs.** One purchase includes real-time alerts, global connectivity, and cloud access—no subscriptions or extra fees. Just reliable, hassle-free cold chain management, so you can focus on delivering your products safely.

- From -30°C to +70°C
- 4 Points Calibration Certificate
- Global Connectivity: 4G/5G (2G fallback) in 140+ countries.
- Real-Time Alerts via Email, SMS, APPs (Android and IOS)
- Support Remote Start & Setting (alarm threshold, battery life..)
- Monitor Temperature, Humidity\*, Light, Location, Shock\* & track Routes.
- WHO PQS Certification
- Arrival Notifications & Geofencing Breaches Detection
- Intuitive web platform + mobile apps for live tracking
- Download Data Through WebCloud or Via USB
- ILAC MRA, FCC, CE, RTCA/DO-160G, UN38.3, RoHS, WEEE

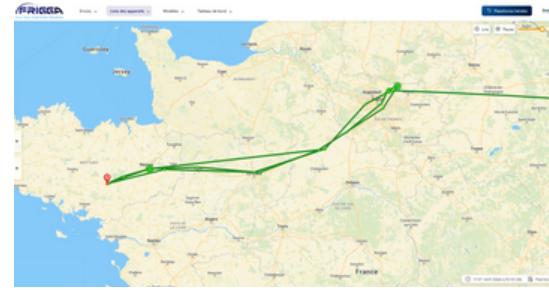
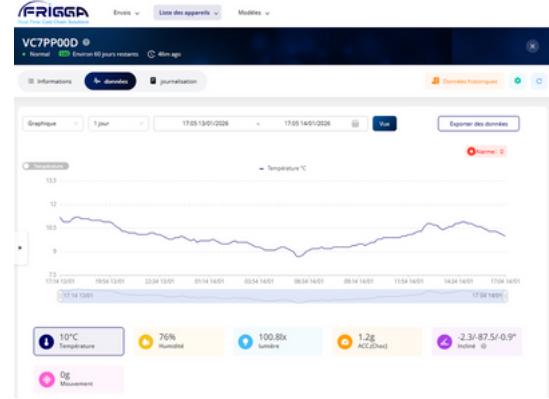


\*V5C Version Only

# Temperature Visibility, One Glance Away

Monitoring Duration	Max 60 Days (Standard) or Max 120 Days (Optionnal)
Monitor Information	Temperature, Humidity*, Light, Location, Shock*, Track routes
Temperature Sensor	Internal Texas Instruments (TI) Brand Digital Sensor (NIST Traceable)
Measurement Range	-30°C to +70°C (-22°F ~ 158°F)
Temperature Accuracy Range	Temperature: $\pm 0.5^\circ\text{C}$ (-20°C ~ +40°C); $\pm 1^\circ\text{C}$ for other range. Humidity*: $\pm 3\%$ (20%~80% RH); $\pm \%$ for the other range
Resolution (Temperature/Humidity)	0.1°C
Temperature Calibration Certificate	Multi temperature point calibration certificate issued by the original factory
Light Sensor Range	0~52,000 Lux, detect whether doors or cartons open
Memory Capacity	Max 28,800 readings (Cyclic recording)
Location Type	Base station positioning (even in indoor, freezer and incubator)
Cellular	Global LTE 4G/5G, fallback 2G network
SIM Card	Internal Embedded (Global Data Roaming)
Shelf Time	12 Months
Use Time	Up to 60 days** (Reporting interval can be set via platform): <ul style="list-style-type: none"> <li>• 60 days with 60 Min reporting interval</li> <li>• 30 days with 30 Min reporting interval</li> <li>• 20 days with 20 Min reporting interval</li> <li>• 10 days with 10 Min reporting interval</li> </ul>
Data Logging Interval	10 Min. (settable via platform)
Data Reporting Interval	10 Min. (10/20/30/60 Min settable via platform)
Information Indication	LCD: Max/Min/Avg temperature, Temperature Alarm, Working Status LED indicator: Over temperature alarm, Charging, Low battery
Environmental Rating	IP64
Cold Chain PDF Report	Get PDF report via USB2.0/Frigga cloud platform/Frigga Track (Mobile App)
Dimensions/Weight	103 x 61.3 x 23 mm / 140 grams
Storage Temperature Range	FCC, CE, RTCA/DO-160G, UN38.3, ROHS, WEEE
Certifications	-10°C ~ +55°C

\*V5C Version Only   \*\* or 120 Days depending version



## About FRIGGA

Frigga® is a fast-growing high-technology company in real-time cold chain solutions, which has been living up to the goal, but the goal only, that is to make cold chains agile, resilient, and sustainable around the world.

For the past years, Frigga has become the reliable and trustworthy partner of Thermolabo.

## Extreme Temperature

Also Exists with External Probe + Internal Sensor (V5J)



A better way to monitor

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