FRIGGA
Real Time Cold Chain Solutions



Frigga V5-(B)-(Li)
Real-time Monitor (Single-use)

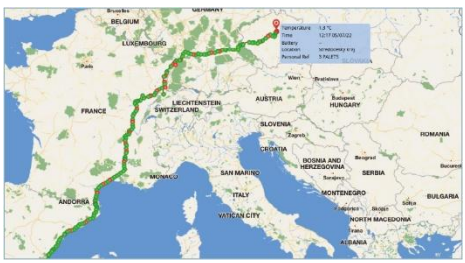


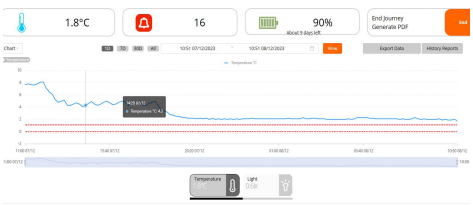
Frigga® V5-(B)-(Li) is a Single-use device that monitors temperature, light, and location in real-time. The product works perfectly under the temperature range -30°C to +70°C, suitable for air, ocean, rail, as well as road shipments.

Frigga® V5-(B)-(Li) is robust, versatile and low cost real-time visibility tool for transportation and warehousing of food supply chain, that incorporates alerting mechanisms to ensure timely corrective actions, and automated data analysis for successful compliance and process improvement.

Key Features and Advantages

- Real-time monitoring of temperature, light, and location information, temperature range -30°C to +70°C;
- Real-time reporting and alarming of temperature, light, and location information to prevent and deal with risks caused by temperature fluctuations;
- Send real-time alert via Email, SMS, APPs (Android and IOS);
- Dual system design: PDF report can be downloaded via USB port or remotely through the Frigga cloud platform
- Large-capacity local storage, keep recording and store during offline mode .Data retransmission once the signal is restored. Zero data loss.
- Support remote parameter setting, modify alarm threshold, adjust battery life
- Digital display, easy to use.

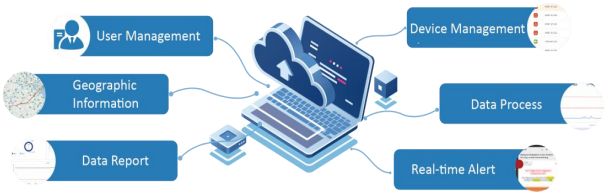




Frigga® Cloud Platform

Frigga cloud platform provides full real-time supply chain visibility. The platform supports global use, and provides following services throughout the process:

- Real-time temperature alarm
- Real-time light and location
- Arrival notification
- Dynamic playback of the whole trajectory
- Long-term data storage
- Data analysis report
- Comply with GSP/FDA
- Available on mobile/PC





FRIGGA® V5-(B)-(Li) SPECIFICATIONS

Modal	V5-(B)-(Li)-60	V5-(B)-(Li)-120
Usage Type	Single-use	
Monitor Information	Temperature, Light , Location, Track routes	
Temperature Sensor	Internal Temperature Sensor (NIST Traceable)	
Temperature Measurement Range	-30°C to 70°C (-22°Fto 158°F)	
Temperature Accuracy Range	±0.5°C (-20°C to +40°C); ±1°C for other range	
Temperature Resolution	0.1°C	
Light Sensor Range	0~52,000 Lux, detect whether doors or cartons open	
Memory Capacity	Max 28,800 readings	
Location Type	LBS Base Station Positioning	
Cellular	Global LTE 4G/5G, fallback 2G network.	
SIM Card	Internal Embedded (Global Data Roaming)	
Shelf Time	12 Months	
Use Time	• 60 days (60 Min reporting interval) • 30 days (30 Min reporting interval) • 20 days (20 Min reporting interval) • 10 days (10 Min reporting interval)	• 120 days (120 Min reporting interval) • 60 days (60 Min reporting interval) • 30 days (30 Min reporting interval) • 20 days (20 Min reporting interval) • 10 days (10 Min reporting interval)
Data Logging Interval	10 Min. (settable via platform)	
Data Reporting Interval	10 Min. (10/20/30/60 Min settable via platform)	10 Min. (10/20/30/60/120 Min settable via platform)
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 33 mm / 140 grams	
Certifications	FCC, CE, RTCA/DO-160G, UN38.3, ROHS, WEEE	
Storage temperature range	-10°C to +55°C	