

V5D (2G-120)
Real-time Monitor (Single Use)



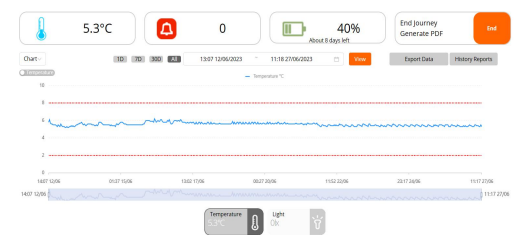
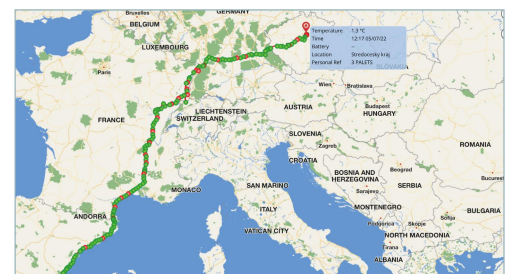
Frigga® V5D (2G-120) is a single-use device that monitors temperature, light, and location in real-time throughout the whole process. It is a key equipment for logistics and quality departments. The Frigga family of products is helping life sciences customers achieve end-to-end digital management of their supply chains. By visualizing operations during transportation and warehousing, adding alerting mechanisms to prevent loss of goods, automating data analysis to improve compliance, and helping customers efficiently develop and sell their products.

With the temperature range of -30°C~+70°C, this model is suitable for air, ocean, rail, as well as road shipments. If a lower temperature range is required, other types of products can be consulted.



Key Features and Advantages

- Real-time monitoring of temperature, light, location information, temperature range -30°C to +70°C;
- Built-in heartbeat mode, support remote start, ensure that the device records data throughout the process;
- 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 . No data loss.
- Support remote parameter setting, modify alarm threshold, adjust battery life
- Weak-light detection, effectively prevent the button from being triggered by accident.
- Digital display, easy to use.
- Multi temperature point calibration certificates issued by the original factory for each device

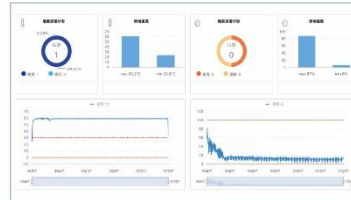
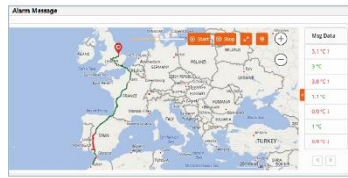
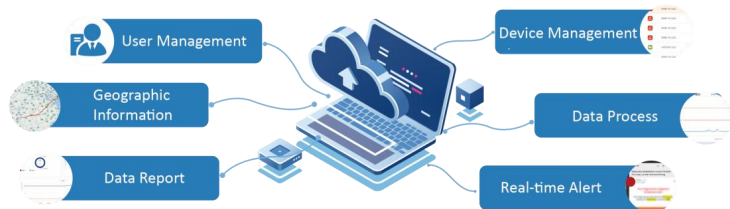


Frigga® is a fast-growing high-technology company in real-time cold chain solutions, which has been living up to the goal, but the goal only, that is to make cold chains agile, resilient, and sustainable around the world, so that our clients can deliver their supply chain to those in need, with zero-waste. For the past years, Frigga® has become the reliable and trustworthy partners for many companies in the food, pharmaceutical, industrial, and supply chain industry. Contact us for more information. All Rights Reserved.

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, light, and location
- Customized notifications and alarms
- Arrival notification
- Dynamic playback of the whole trajectory
- Long-term data storage
- Automated data analysis report
- Comply with GxP & FDA
- Available on Mobile & PC



FRIGGA® V5D (2G-120) SPECIFICATIONS

Usage Type	Single-use (Max 120 days)
Monitor Information	Temperature, Light , Location, Track routes
Temperature Sensor	Internal Texas Instruments (TI) Brand Digital Sensor (NIST Traceable)
Measurement Range	-30°C ~ +70°C (-22°F ~ 158°F)
Temperature Accuracy Range	Temperature: ±0.5°C (-20°C ~ +40°C); ±1°C for 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 28800 readings (Cyclic recording)
Location Type	Base station positioning (even in indoor, freezer and incubator)
Cellular	2G network.
SIM card	Internal Embedded (Global Data Roaming)
Shelf Time	12 Months
Use Time	Up to 120 days (Reporting interval can be set via platform) <ul style="list-style-type: none"> • 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. (10/20/30/60/120 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 / 160 grams
Certifications	FCC,CE,RTCA/DO-160G,UN38.3,ROHS,WEEE,
Storage temperature range	-10°C ~ +55°C