

### V5A (2G-60) Real-time Monitor (Single Use)



Frigga® V5A (2G-60) is a single use device that monitors temperature, humidity, light, shock and location. It is a key equipment for logistics and quality departments.

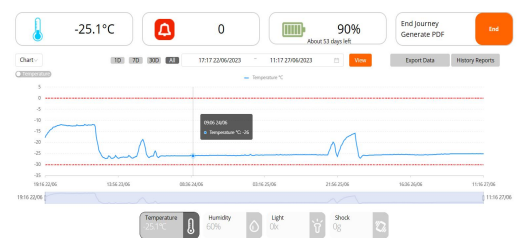
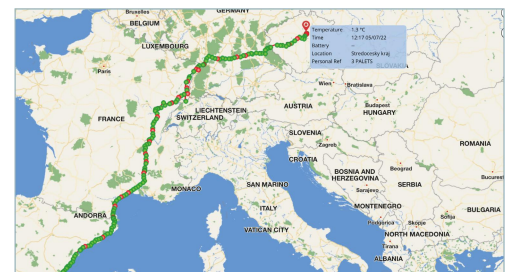
The Frigga family of products is helping life sciences customers achieve end-to-end digital management of their supply chains. By visualizing operations during transportation and warehousing, adding alerting mechanisms to prevent loss of goods, automating data analysis to improve compliance, and helping customers efficiently develop and sell their products.

This model is suitable for -30°C~70°C temperature environment, with built-in digital temperature and humidity sensor. If a lower temperature range is required, other types of products can be consulted.



### Key Features and Advantages

- Real-time monitoring of temperature, humidity, light, shock and location information, temperature range -30°C ~ +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, humidity, vibration, 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

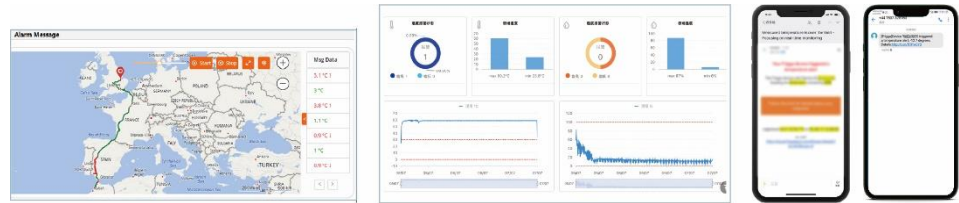


Frigga® is a fast-growing high-technology company in real-time cold chain solutions, which has been living up to the goal, but the goal only, that is to make cold chains agile, resilient, and sustainable around the world, so that our clients can deliver their supply chain to those in need, with zero-waste. 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, humidity, light, shock 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® V5A (2G-60) SPECIFICATIONS

|   |  |
|---|--|
| Usage Type                              | Single-use (Max 60 days)   |
| Monitor Information                     | Temperature, Humidity, Light , Shock, Location, Track routes   |
| Temperature Sensor                      | Internal Texas Instruments (TI) Brand Digital Sensor (NIST Traceable)  |
| Measurement Range                       | Temperature: -30°C ~ 70°C (-22°F ~ 158°F) ;Humidity: 5%~95%RH  |
| Temperature and Humidity Accuracy Range | Temperature: ±0.5°C (-20°C ~ +40°C); ±1°C for other range<br>Humidity: ±3%(20%~80%RH); ±5% for other range   |
| Resolution(Temperature/Humidity)        | 0.1°C / 1%RH   |
| 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 60 days (Reporting interval can be set via platform)<br><ul style="list-style-type: none"> <li>• 60 days(60 Min reporting interval)</li> <li>• 30 days(30 Min reporting interval)</li> <li>• 20 days(20 Min reporting interval)</li> <li>• 10 days(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<br>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   |
| Certifications                          | FCC,CE,RTCA/DO-160G,UN38.3,ROHS,WEEE,  |
| Storage temperature range               | -10°C ~ +55°C  |