

New Safety Standard



Frigga®V5 Safe Real-time Monitor Single Use



Defining Safety Standard for Perishable Cold Chain Transportation with Triple Safety

Frigga V5 Safe Series defines the safety standard for cold chain transportation of perishable goods across three key dimensions: cargo safety, data security, and device reliability. Throughout the entire logistics journey—by land, sea, or air—it provides high-precision location tracking and validated temperature monitoring, delivering full shipment visibility and real-time alerts. This enables customers to identify risks in advance, respond quickly, and effectively reduce cargo loss and operational risks.

Frigga BI Performance Analytics Dashboard analyzes transportation data to identify key patterns and potential bottlenecks, delivering actionable insights that help companies build a more efficient and stable cold chain operation for perishable goods.

Key Features and Advantages

- **New generation of Non-Lithium battery**, more stable and safe. No IATA dangerous goods declaration
- **Slim design**, suitable for air, road and ocean shipments
- Supports **remote activation** of devices in sleep mode, zero data loss.
- **Multi-mode location tracking technology**, high-accurate location
- **Support ocean tracking** to provide on-sea location, ETA/ETD, and delay alert
- **True end-to-end visibility** with multi-leg shipment tracking
- **4G/5G connectivity** with global coverage
- **Comprehensive visibility** Temp, Humidity, Light, Acceleration (Shock), Tilt, Location, Motion
- **Supports longer battery life** in low temperatures
- **Real-time alerts** to designated receivers via Email, SMS, APP (Android and iOS)
- **Dual system design**: PDF report can be downloaded remotely through the Frigga cloud platform or via USB port



Frigga® Cloud Platform

Frigga provides complete, end to end, real-time visibility in a single platform.

- Automate manual workflows & QA documentation
- Enable zero-touch release & reduce investigation time
- Real-time deviation and escalation alerts
- Powerful BI analytics to ID problem hotspots & improve operations
- Measure SLA performance of logistics providers
- API Integration
- Automate visibility/management of multi-leg shipments
- Customize shipment templates, and user access
- Unifies shipment & warehouse visibility in one platform
- Integration with ocean vessel ETA/ETD and delay alerts



Single Log-In, Global Visibility



RT Shipment Visibility
& Management



Storage & Warehouse
Monitoring



Powerful BI Analytics
Dashboards

Specifications	V5-(B)-Safe	V5-(C)-Safe	V5-(Y)-Safe
Graphics			
Usage Type	Single-Use		
Monitor Information	Temperature, Light, Location	Temperature, Humidity, Light , Acceleration (Shock), Tilt, Location, Motion	Dual Temperature, Light, Acceleration (Shock), Tilt, Location, Motion
Location Type	LBS, Wi-Fi, Ocean Tracking		
Temp. Sensor	Temperature Sensor (NIST Traceable)		
Temp. Range	-30°C to +70°C (-22°F to +158°F)		-40°C to +80°C (-40°F to 176°F)
Temp. Accuracy	±0.5°C (-20°C to +40°C); ±1°C for other range		
Humidity	/	5%~95%RH; Accuracy Range: ±3%(20%~80%RH); ±5% for other range	/
Light Sensor Range	0~52,000 Lux, detect whether doors or cartons open		
Tilt Resolution	/	0.1°	
Memory Capacity	Max 28,800 readings		
Cellular	4G/5G, Global Roaming		
SIM Card	Internal Embedded (Global Data Roaming)		
Battery	Non-Lithium (no IATA dangerous goods declaration)		
Shelf Time	12 Months		
Use Time	Up to 120 days (Based on Reporting Interval and models)		
Logging Interval	10/30/60 Min, settable via platform		
Data Reporting Interval	10/20/30/60/120 Min, settable via platform (Vary by model)		
IP Rating	IP64		
Report	Get PDF report via USB2.0/ Frigga cloud platform/Frigga Track (Mobile App)		
Dimensions/Weight	103 x 61.3 x 23.9 mm / 130g		103 x 61.3 x 23.9 mm / 150g
Certifications	FCC, CE, RTCA/DO-160G, ROHS, WEEE, EN12830		