



# End-to-End, Global Cold-Chain Visibility



Self-produced GMP Devices  
For Any Use Case



Complete Visibility  
In a Single Validated Platform



Global Operations &  
Local Support

## Frigga® V5 Core Series Real-time Monitor (Single-Use)

Frigga V5 Core Series is a real-time monitoring solution for pharmaceutical cold chain shipments, designed with a non-lithium battery for safe, compliant global air transport.

- Reliable performance in extreme low-temperature environments
- Continuous data capture from deployment to delivery (Remote Start, Silent Mode)
- Global cellular connectivity for visibility **anywhere your shipments move**

Powered by the Frigga platform, V5 Core delivers visibility, performance monitoring, and powerful BI analytics to drive continuous improvement across global shipments.



Frigga Unique BI Analytics Dashboard



Air-Ready



Remote Start



Silent Mode



High-Precision Positioning



Real-Time Alert



Long-Lasting Power



Stable Signal  
Performance



Support Gateway Solution  
Pair with M beacons



V5-(B)-Core



V5-(C)-Core



V5-(Y)-Core



V5-(G)-Core

Device 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	Cellular, Wi-Fi, Ocean Tracking		
Temperature Sensor	NIST Traceable Digital Sensor		
Temperature Range	-30°C to +70°C (-22°F to +158°F)	-40°C to +80°C (-40°F to +176°F)	-95°C to +80°C (-139°F to +176°F)
Temperature Accuracy	±0.5°C (-20°C to +40°C); ±1°C for other range		
Humidity Range	/	5%~95%RH;	/
Humidity Accuracy	/	±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° (3-axis)	
Cellular	4G/5G, Global Roaming		
Memory Capacity	Max 28,800 readings		
SIM Card	Internal Embedded (Global Data Roaming)		
Battery	Non-Lithium, no IATA dangerous goods declaration		
Shelf Life	12 Months		
Use Time	10 days (10 Min reporting interval) 30 days (30 Min reporting interval) 60 days (60 Min reporting interval) 120 days (120 Min reporting interval)		
Recording Interval	1/2/5/10/30/60/120 Min, settable via platform		
Reporting Interval	10/20/30/60/120 Min, settable via platform		
Data Report	Export PDF report from Frigga cloud platform / Via USB as backup		
Environmental Rating	IP64		
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, IATA Compliance		

\*Auto Flight Mode Supported



Frigga's **Global Green** Device Return & Recycle Service