

# Precision

## SMART COLD CHAIN MONITORING

### PG SCM-100-4G

#### OVERVIEW

Smart Monitoring system is an integral part of cold chain. Cold chain monitoring refers to using internet of things (IoT) technology to continually record temperature and other vital parameters and monitor temperature-sensitive products being transported in a “cold chain” – such as the supply chain of perishable or temperature-sensitive products such as pharmaceuticals, food and beverages. Our PG SCM-100 is enabled to achieve an array of operation using multiple wireless technology options like GSM/WiFi/BLE, NB-IoT/LoRA, where it has capability to integrate multiple sensors for a centralized operation and monitoring control.

#### Highlights



Live data monitoring



In-Built Battery



Sensor Ports



#### Applications



Deep Freezer



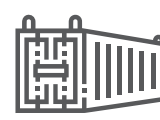
Visi- Cooler



Cold Room



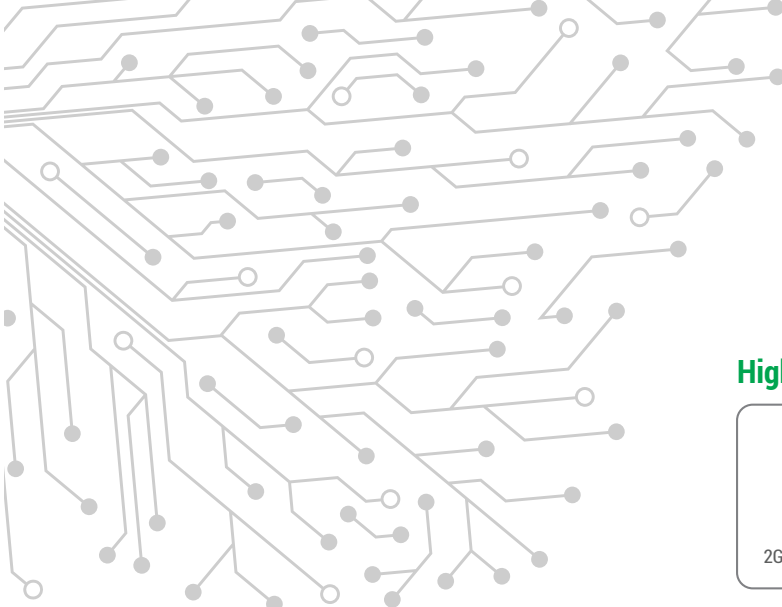
Portable Vaccine Freezer



Reefer Containers



Freezer on Wheels



### Highlights



# TECHNICAL SPECIFICATION



## SMART MONITORING DEVICE

Variants 4G

### Hardware System

Input Power Input Power: 230V, 50 Hz AC

Communication GSM: B3/8  
LTE-FDD: B1/3/5/8  
LTE-TDD: B34/38/40/41

### Others

Interface 3 Configurable Sensors Ports  
2 x Temperature, 1 x Door Sensor

Battery In-Built Rechargeable Battery  
(1400 mAh - 2400mAh) or  
4 hours and above battery backup

### Indication via APP & Web portal

Mains to Battery Indicator  
Door Status  
Configurable Alerts through notifications/  
Pop-up alerts in App

Dimensions 135 x 92 x 35 mm

Operating Temperature -40°C - +60°C

Enclosure IP 64 Compliant