

Product Description

The G8Plus represents a cutting-edge temperature sensor tailored for a broad spectrum of industrial and commercial applications. As a proud member of the esteemed G8 sensor family, the G8Plus is engineered to deliver exceptional performance, reliability, and user-friendliness. Its compact design, coupled with cost-effective pricing and a long-lasting non-rechargeable battery, positions it as the ultimate solution for temperature monitoring needs across various sectors. Offering straightforward setup and operation, the G8ED boasts a user-friendly design and an intuitive interface. Moreover, it inspires confidence with its precise temperature monitoring capabilities, ensuring asset protection and regulatory compliance. With an impressive battery life of three years, even at a 10-minute data transmission interval, the sensor minimizes maintenance requirements and operational downtime.

Key Features

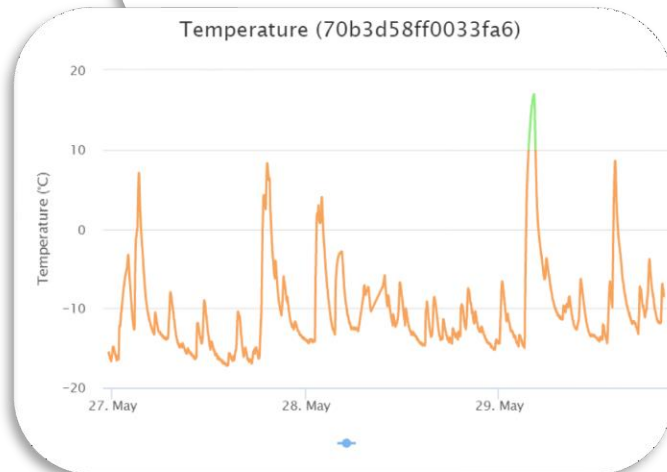
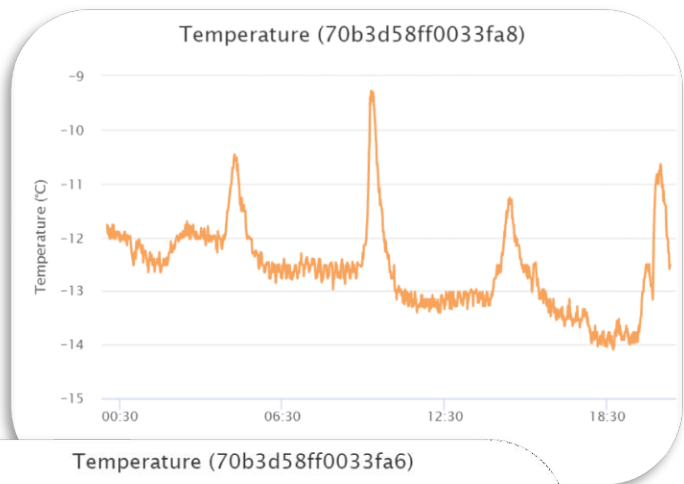
- BLE 5.0 / 4.2 / 4.0
- BLE ranges – up to 350 meters LOS
- Connected mode
- Data record/ storage up to 11K records
- Extensive battery life – 3 years [10 mints interval]
- Accurate reliable measurements
- Best in class performance
- Robust and reliable design
- No need of calibration for lifetime
- Food grade product
- IP65 rating



Applications

- Cold chain storage & distribution
- Data centres
- Smart Kitchens
- Airports
- Industrial
- Pharmaceutical
- Office buildings
- Home automation

Temperature [Walk-in Chiller]



Temperature [Deep Freezer]

Product Technical Specification:

GSEN11P452 – Specifications	
BLE Connect	5.0; 4.2; 4.0
BLE Range	up to 350 meters LOS
Power Supply	3.6V, Non-rechargeable 2/3 AA
Battery back up	3 years [sampling and report interval 10 mints]
Operating Temperature	-30°C to +70°C
Operating Humidity	10% to 90%
Enclosure	IP65
User Indication	1 LED [dual]
Power Switch	Power ON / OFF
Temperature measurement accuracy	±0.3°C
Humidity sensor measurement accuracy	±2%
Temperature sensor measurement range	-30°C to +70°C
Humidity sensor measurement range	10% to 90%
Operational shock	30g
Operational vibration	3.5g
Data backup	11,000 records
Dimensions	62mm X 42mm X 19mm
Product Life	7 years**
Communication Protocol	thinview / custom Platform
Security	Encrypt (256-bit key exchange and AES-128)
Target Regions	Global

Product Part Number:

GSEN11P452 → BLE Temperature Humidity Sensor without external probe

GSEN11P452E → BLE External probe temperature sensor for wide measurement range

GSEN11P452ED → BLE On board Temperature Humidity Sensor + External Probe Temperature Sensor for wide measurement range