

Product Description

The G10L represents a cutting-edge temperature sensor tailored for a broad spectrum of industrial and commercial applications with extra long range communication. As a proud member of the esteemed G10 sensor family, the G10L 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 G10L offers 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

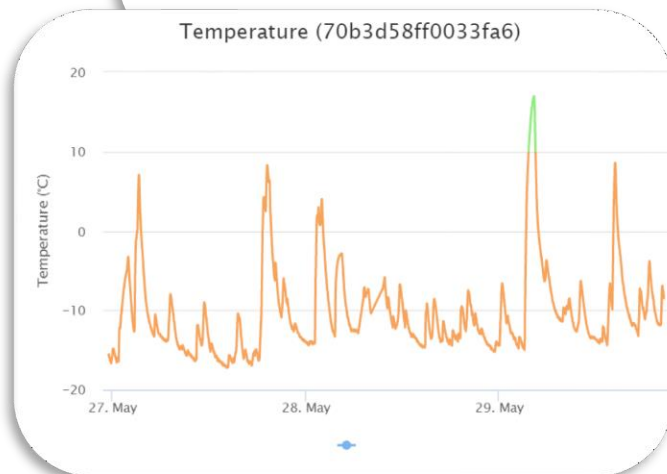
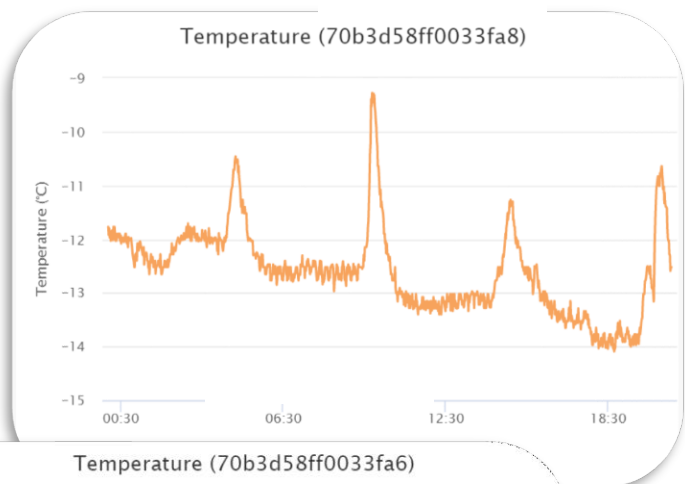
- Long Range proprietary ISM band wireless
- Connectivity – up to 1000 meters LOS
- Connected mode, assured data transfer
- Data record/ storage up to 2K records
- Extensive battery life – 3 years [10 mints interval]
- Accurate reliable measurements
- Best in class performance
- Robust and reliable design
- No need of calibration for lifetime
- Food grade product
- IP67 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:

GSEN62P563 – Specifications	
Wireless Connect	Long Range proprietary
Range	up to 1000 meters LOS
Power Supply	3.6V, Dual Non-rechargeable 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	IP67
User Indication	1 LED [tricolor]
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	2,000 records
Dimensions	80mm X 65mm X 25mm
Product Life	7 years**
Communication Protocol	thinview / custom Platform
Security	Encrypt (256-bit key exchange and AES-128)
Target Regions	Global

*On board temperature and humidity measurement features are available in product part number GSEN62P563ED

Product Part Number:

GSEN62P563 → Long Range Temperature Humidity Sensor without external probe

GSEN62P563E → Long Range External probe temperature sensor for wide measurement range

GSEN62P563ED → Long Range On board Temperature Humidity Sensor + External Probe Temp Sensor for wide measurement range