

Product Description

The G6A represents a cutting-edge temperature, humidity, live location sensor tailored for a broad spectrum of industrial and commercial applications. As a proud member of the esteemed G6 sensor family, the G6A is engineered to deliver exceptional performance, reliability, and user-friendliness. Its compact design, coupled with cost-effective pricing and a long-lasting rechargeable battery, positions it as the ultimate solution for temperature, ambient light, humidity and location monitoring needs across various sectors. Offering straightforward setup and operation, the G6A boasts a user-friendly design and an intuitive interface. Moreover, it inspires confidence with its precise monitoring capabilities, ensuring asset protection and regulatory compliance. With an impressive battery life of 45 days, even at a 1 hour data transmission interval, the sensor minimizes maintenance requirements and operational downtime.

Key Features

- Wireless Communication LTE/ 4G/ Cat.1/ 2G Fall back
- Global Roaming SIM available
- Flight Safe Mode
- Ambient light detection
- Data record/ storage up to 6K records
- Extensive battery life – 45 days per charge [1 hour report interval]
- Accurate reliable measurements
- Move/ Idle status
- Track Live Location [Wi-Fi scan & cellular network triangulation]
- Best in class performance
- Robust and reliable design
- No need of calibration for lifetime
- Food grade product
- IP67 rating



Applications

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

Product Technical Specification:

G6A – Specifications	
Wireless Communication	LTE/ 4G/ Cat.1/ 2G Fall back
Coverage	Global Bands
Power Supply	USB Type C Port, Rechargeable 3500mAH
Battery back up	45 days [sampling 10 mints and report interval 1hour]
Operating Temperature	-20°C to +70°C
Operating Humidity	10% to 90%
Enclosure	IP67 [Food Grade]
User Indication	1 LED
Ambient light sensor	390 nm to 950 nm Wavelength
Power Switch	Tracker Power ON / OFF
Location tracking accuracy	Min 20 meters, Max 500 meters
Temperature measurement accuracy	±0.3°C
Humidity sensor measurement accuracy	±2%
Temperature sensor measurement range	-20°C to +70°C
Humidity sensor measurement range	10% to 90%
Operational shock	30g
Operational vibration	3.5g
Data backup	6,000 records
Dimensions	142mm x 72mm x 26mm
Product Life	7 years**
Communication Protocol	thinxview / custom Platform
Security	Encrypt (256-bit key exchange and AES-128)
Target Regions	Global