



SensGuard MCP9808 Sensor



Application	Warehouse, Freezing/cooling equipment, Food storage, Data center, Heating and ventilation system, Smart building
Temperature range	-20°C..+55°C
Measurement accuracy	±0.5°C
Measurement resolution	0.1°C
Measurement period	5 minutes
Battery type	Built-in Li-Ion non-flammable IEC86-4 safety standard battery 400mAh non-replaceable
Battery life	Up to 5 years
Communication frequency	868 MHz
Communication range	Up to 150 m
Data signal encryption	AES128
Dimensions	55×25×12mm
Fixture	Double-sided adhesive tape
Case	Waterproof, IP65 protection

Wireless temperature monitoring sensor SensMax SensGuard MCP9808 designed for accurate remote temperature monitoring within range of -20°C to +55°C.

This sensor measures temperature with an accuracy of 0.5°C each five minutes and transmits data to a data gateway via a wireless data transfer protocol. Connectivity range is up to 150m.

You can use this temperature monitoring sensor indoor and outdoor, as well as in wet and dusted environments because it has a waterproof and dust protected case with IP65 protection level.

Very easy wireless installation — stick wireless temperature sensor to any surface, and it will start measuring temperature around.

Features:

- Wireless temperature sensor
- Waterproof
- Battery life up to 5 years

Data delivery to a server using:

- SensGuard TCP LRX2 data gateway