



SensGuard ENS210 Sensor



Wireless temperature and humidity monitoring sensor SensMax SensGuard ENS210 designed for remote temperature and humidity monitoring within the range of -20°C to $+55^{\circ}\text{C}$ and 0%-100% RH.

SensGuard ENS210 wireless temperature and humidity sensor measurement accuracy are $\pm 0.5^{\circ}\text{C}$ and 3.5% RH.

The sensor reads temperature and humidity parameters every five minutes and transmits data to a data gateway via a wireless data transfer protocol. The connectivity range is up to 150m.

The sensor delivers temperature and humidity parameters to a cloud reporting portal every 5 minutes.

Application

Warehouse, Freezing/cooling equipment, Food storage, Data center, Heating and ventilation system, Smart building, Greenhouse

Temperature range

-20°C ... $+55^{\circ}\text{C}$, 0..100% RH

Measurement accuracy

$\pm 0.5^{\circ}\text{C}$, $\pm 3.5\%$ RH

Measurement resolution

0.1 $^{\circ}\text{C}$, 1% RH

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 150m

Data signal encryption

AES128

Dimensions

55x25x12mm

Fixture

Double-sided adhesive tape

Case

Waterproof, IP65 protection

Features:

- Wireless temperature and humidity sensor
- Waterproof
- Battery life Up to 5 years

Data delivery to a server using:

- SensGuard TCP LRX2 data gateway