Sense Anywhere®

Monitor temperature, humidity and CO2

Meet our **ClimateSensors**

🔋 **10 years** battery lifetime	☑ **1,000,000** measurements	🌡 **9,000 events** logging capacity

Ambient climate
Temperature, humidity, CO2 and PIR sensor.

Presence detection
Check availability and occupancy rates of rooms.

Integrate with BMS
For energy savings and healthy work environments.

Analytics
Data can be used to optimise HVAC installation settings.

Instant alarms
Get notified via email or text when limits are exceeded.

Secure data storage
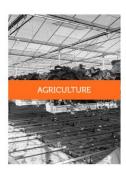Generate reports automatically in the Cloud.

Product Description

The ClimateSensor from SenseAnywhere is the most versatile and lowest power consuming wireless indoor climate sensor around. It runs up to 10 years un-attended on its internal battery and contains a CO2, temperature and humidity sensor. Model 20-20-51 has PIR to detect presence of people in the room. The sensors are perfectly fit to monitor indoor climate conditions of class rooms, meeting rooms and any other room in inhabited buildings. The information from the climate sensor can be used for creating optimal indoor conditions and will contribute to energy saving and greener buildings by adapting the heat/cooling and ventilation of individual rooms.

Applicable in various industries

AGRICULTURE   HEALTHCARE   EDUCATION   OFFICES

ClimateSensors

Wireless Frequency	ISM Band, 868 MHz (ITU Region 1) or 915MHz (ITU Region 2)
Wireless Protocol	SenseAnywhere wireless protocol with automatic service discovery and seamless roaming
Range	Up to 300m / 1000ft outdoors (tbc)
Logging capacity	9.000 events with date / timestamp
Battery Life	Up to 10 years or 350.000 messages (at 15 minutes interval).
Temperature	Operating range 0°C to 50°C 32°F to 122°F Accuracy Typ. ±0.3°C ±0.54°F Accuracy Max. ±0.4°C ±0.72°F Resolution 0.02°C 0.036°F Long term stability ≦ 0.01°C /year 0.018°F /year
Humidity	Operating range: 0 – 100% RH (non-condensing) Accuracy Typ. ±2% RH, Max. ±3% RH (0 – 80% RH) Resolution 0.1% Long term stability ≦ 0.25% RH/year Suitable for indoor use only. Not suitable for farms, stables and outdoor use.
CO2	Non-dispersive infrared (NDIR) absorption 0-5000 PPM (Ambient conditions) Accuracy: ± 50 PPM ± 3% of reading Calibration: Autocalibration Pressure Dependence: 0.13% per mm Hg in normal atmospheric conditions
PIR **(Only ClimateSensor 20-20-51)**	Passive Infrared Sensor Detection angle: 90° Detection range: 5m
Compatibility	CE, EN300328, EN55022 (868 MHz) FCC, IC (915 MHz)
Mounting	Rubber feet for placement on flat surface Mounting plate for wall or ceiling mounting Camera mount (1/4" thread)
Casing Material	Device: PC-ABS
Protection class	IP22
Dim.	**Device**
Height	43mm / 1.69 in
Diameter	78mm / 3.07 in
Weight	100g