

Monitor temperature and motion

Meet our **AiroSensors**

 **10 years**
battery lifetime

 **1,000,000**
measurements

 **18,500 events**
logging capacity



Product Description

The SenseAnywhere AiroSensor is a very compact, accurate and robust wireless data logger for temperature and motion. This data logger communicates with and stores data in the Cloud. The product is easy to install, use and maintain! Its ultra-low power design allows up to 10 years of operation without maintenance. AiroSensor 20-20-31 can transmit wirelessly up to 600 meters (line of sight) to an AccessPoint. Perfectly suited to monitor rooms, refrigerators, freezers, cool trailers, cool boxes and incubators.

Applicable in various industries



Temperature
Accurate temperature sensor.



Motion
The accelerometer is used to detect motion or shock.



Location
Arrival and departure times are automatically logged.



Realtime
24/7 data gives you a complete audit trail.



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



Secure data storage
Access your data anywhere and anytime via the Cloud.

AiroSensors

| | | | | |
|---------------------------|--|--------------------|---|--------------------|
| 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 | | | |
| | Model 20-20-30 | | Model 20-20-31 | |
| Range | Up to 100m / 300 ft outdoors | | Up to 600m / 2000 ft outdoors | |
| Logging capacity | 18.500 events with date / timestamp | | | |
| Battery Life | Up to 10 years or 1 million messages | | | |
| Temperature | Operating range -40°C to 70°C Accuracy Max. ±0.10°C (0°C to 70°C) Accuracy Max. ±0.15°C (-40°C to 0°C) Long term stability: ≤ 0.01°C /year | | -40°F to 158°F ±0.18°F (32°F to 158°F) ±0.27°F (-40°F to 32°F) 0.018°F /year | |
| Motion detection | Accelerometer 3-axis, sensitivity 0g – 16g, programmable | | | |
| Magnet switch | Detect removal from and insertion into holder Enable or disable alarm (with SwitchHolder) Start or Stop of transport report (with SwitchHolder) | | | |
| Compatibility | EN12830 class 1, storage & transport, Climatic environment type: D CE, EN300328, EN55022 | | | |
| Mounting | The holder is pre-fitted with very high bond double sided tape and two stainless steel screws are supplied for mounting in very harsh environments or on rough surfaces. Try to avoid mounting on metal surfaces, reinforced concrete walls, inside metal racks or cabinets. | | | |
| Casing Material | PC-ABS, easy to clean surface | | | |
| Protection class | IP67 | | | |
| Accessories | SwitchHolder | | | |
| | Model 20-20-30 | | Model 20-20-31 | |
| Dim. | Sensor | with holder | Sensor | with holder |
| Height | 41mm / 1.61" | 41mm / 1.61" | 131mm / 5.15" | 131mm / 5.15" |
| Width | 32mm / 1.26" | 33mm / 1.30" | 32mm / 1.26" | 33mm / 1.30" |
| Depth | 22mm / 0.87" | 24mm / 0.94" | 22mm / 0.87" | 24mm / 0.94" |
| Weight | 32g | 40g | 37g | 45g |

