Monitor temperature, humidity and motion

Meet our **AiroSensors**

🔋 **10 years** battery lifetime	☑ **1,000,000** measurements	🌡 **18,500 events** logging capacity

Temperature
Accurate temperature and humidity 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.

Product Description

The SenseAnywhere AiroSensor is a very compact, accurate and robust wireless data logger for temperature, humidity 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 20-20-25 can transmit wirelessly up to 600 meters (line of sight) to an AccessPoint. Perfectly suited to monitor rooms, refrigerators, cold stores and incubators.
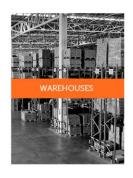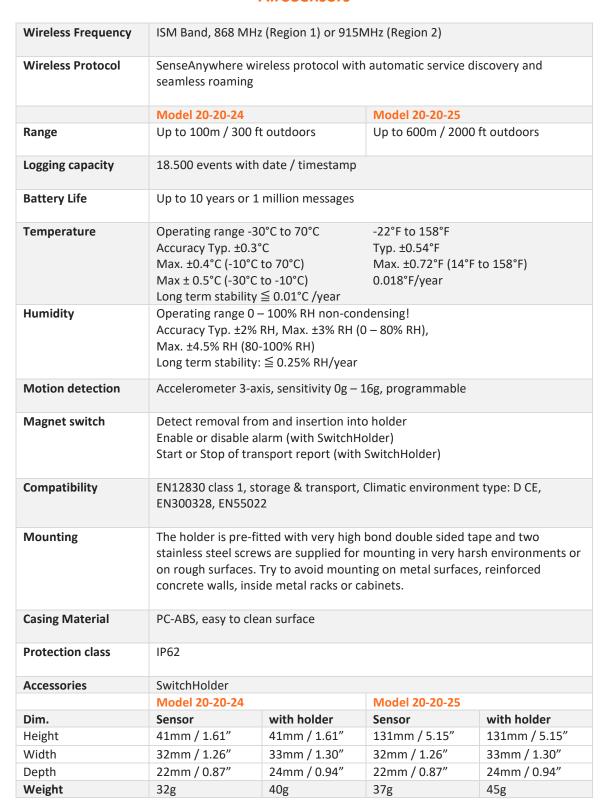
Applicable in various industries

PHARMACIES

TRANSPORT OF MEDICINES

HOSPITALITY

HEALTHCARE

LABORATORIES

WAREHOUSES

RETAIL

COLD CHAIN

AiroSensors

Wireless Frequency	ISM Band, 868 MHz (Region 1) or 915MHz (Region 2)	
Wireless Protocol	SenseAnywhere wireless protocol with automatic service discovery and seamless roaming	
	Model 20-20-24	**Model 20-20-25**
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 -30°C to 70°C Accuracy Typ. ±0.3°C Max. ±0.4°C (-10°C to 70°C) Max ± 0.5°C (-30°C to -10°C) Long term stability ≦ 0.01°C /year	-22°F to 158°F Typ. ±0.54°F Max. ±0.72°F (14°F to 158°F) 0.018°F/year
Humidity	Operating range 0 – 100% RH non-condensing! Accuracy Typ. ±2% RH, Max. ±3% RH (0 – 80% RH), Max. ±4.5% RH (80-100% RH) Long term stability: ≦ 0.25% RH/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	IP62	
Accessories	SwitchHolder	

	Model 20-20-24		**Model 20-20-25**	
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