



**Sense
Anywhere**
SIMPLY SMARTER



ISO 9001
Quality
Management
Systems
CERTIFIED

ISO/IEC
27001
Information Security
Management
CERTIFIED

FM 698025

IS 727158

DATASHEET AIROSENSOR 20-20-41

MONITOR TEMPERATURE, MOTION AND (DOOR) CONTACT.
MEET OUR **AIROSENSOR!**



10 years
Battery Lifetime



18,500 events
Logging Capacity



1.000.000
Measurements

Product Description

The SenseAnywhere AiroSensor X is like the AiroSensor T model 20-20-31 (temperature and motion) with a IP67 class connector to connect to an external dry contact. Suitable for example for monitoring doors on trailers of freezers.

Applicable in various industries

○ PHARMA



○ COLD CHAIN



○ MAPPING



○ LABORATORY



○ FOOD



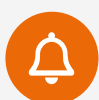
Temperature
range



Realtime



Secure data
storage




Instant Alarms



DATASHEET

AIROSENSOR 20-20-41

Wireless Frequency	ISM Band, 868 MHz (ITU Region 1) or 915 MHz (ITU Region 2)	
Wireless Protocol	SenseAnywhere wireless protocol with automatic service discovery and seamless roaming	
Logging Interval	5 minutes	
Range	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. $\pm 0.10^{\circ}\text{C}$ (0°C to 70°C) Accuracy Max. $\pm 0.15^{\circ}\text{C}$ (-40°C to 0°C) Resolution 0.01°C Long term stability $\leq 0.01^{\circ}\text{C}$ /year -40°F to 158°F $\pm 0.18^{\circ}\text{F}$ (32°F to 158°F) $\pm 0.27^{\circ}\text{F}$ (40°F to 32°F) 0.018°F 0.018°F /year	
	<i>Please note: do not disconnect the connector at temperatures below -25°C</i>	
Motion	Accelerometer 3-axis, sensitivity 0g – 16g, programmable	
Connector	Dry contact do not apply any voltages. 	
Compatibility	EN12830:2018 Accuracy class 0.2, Software class III, storage & transport CE, EN300328, EN55022 (868 MHz) FCC, IC (915 MHz)	
Mounting	Preferred mounting position is vertical. 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	Device: PC-ABS	Connector: PA (UL 94 V-0)
Protection Class	IP67 condition: mating connector placed.	
Dimensions:	Device	Connector
Height	143mm / 5.63 in	43mm / 1.69 in
Width	35mm / 1.38 in	Ø 11.5mm / 0.45 in
Depth	25mm / 0.98 in	x
Weight:	56 g	3 g

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