Sense Anywhere

DATASHEET

AiroSensor 20-20-41

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.

Monitor temperature and motion

Meet our **AiroSensor**

10 years	1,000,000	18,500 events
battery lifetime	measurements	logging capacity

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

For more information, visit
www.cik-solutions.com
or contact us at
info@cik-solutions.com

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AiroSensor

Wireless Frequency	ISM Band, 868 MHz (Region 1) or 915MHz (Region 2)	
Wireless Protocol	SenseAnywhere wireless protocol with automatic service discovery and seamless roaming	
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. ±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
	Please note: do not disconnect the connector at temperatures below -25°C	
Motion	Accelerometer 3-axis, sensitivity 0g – 16g, programmable	
Connector	Rated voltage 125 V Rated impulse voltage 1500 V	Rated current (40°C) 3 A Volume resistivity ≤ 3m Ω
Compatibility	EN12830 class 1, storage & transport, Climatic environment type:D CE, EN300328, EN55022	
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	

Dim.	**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	56g	3g
Connector		