

	SenseAnywhere AiroSensor T ER Model 20-20-31 The SenseAnywhere AiroSensor is a very compact, accurate and robust wireless data logger for temperature and motion. Its ultra low power design allows up to 10 years of operation without maintenance. Due to its antenna design it can transmit data wirelessly to an AccessPoint without any repeater over distance of up to 600 meters. Perfectly suited for harsh environments like cool trailers, cool boxes, incubators.	
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:	15.000 events with date / timestamp	
Battery Life:	Up to 10 years or 1 million messages	
Sensors:		
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	Accelerometer 3-axis, sensitivity 0g – 16g, programmable	
Reed switch	Detect removal from and insertion into holder	
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	PC-ABS, easy to clean surface	
Protection class	IP67	
Dimensions:	Sensor	with holder
Height	131mm / 5.15 inch	131mm / 5.15 inch
Width	32mm / 1.26 inch	33mm / 1.30 inch
Depth	22mm / 0.87 inch	24mm / 0.94 inch
Weight:	37g	45g