



Sense  
Anywhere  
SIMPLY SMARTER



ISO 9001  
Quality  
Management  
Systems  
CERTIFIED

FM 698025

ISO/IEC  
27001  
Information Security  
Management  
CERTIFIED

IS 727158

## DATASHEET

# ASSETSENSOR 20-10-20 | 20-10-21

## MONITOR SHOCK AND MOTION. MEET OUR **ASSETSENSORS!**



**10 years**  
Battery Lifetime



**1,000 events**  
Logging Capacity

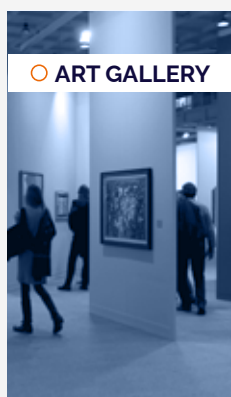
### Product Description

AssetSensor leads a new generation of active Tags / RFIDs that also feature sensor technology. Besides the traditional beacon function found in Active Tags, the AssetSensor can also provide motion and handling information on the device it is attached to, allowing you collect more valuable data about your assets. By combining latest RF transceiver technology with a low-power microprocessor and integration of MEMS (Microelectromechanical systems) sensor technology, SenseAnywhere has been able to create greatly improved wireless sensor and data logger devices. AssetSensor was our first product in a range of products that can be used for track and trace, remote sensing monitoring and alerting, RTLS and data logging. Unique is its unmatched battery life of 10 years. One big thing less to worry about when deploying active Tags. Model 20-10-21 has an antenna which can transmit data wirelessly to an AccessPoint without any repeater over distance of up to 600 meters.

### Applications

- Active RFID: RTLS for larger or expensive goods
- Automatic arrival / departure registration and theft protection of valuables, large tools and vehicles
- Recording of start and stop times, running hours and working hours in- and out- of range of the network
- Theft protection and unauthorized use detection
- Protection and monitoring of valuables in museums or public places during storage, transport and lending out periods
- Shock or position data logging during transport.

### Applicable in various industries



# DATASHEET

## ASSETSENSOR 20-10-20 | 20-10-21



Motion



Realtime



Instant Alarms



Secure data  
storage

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			
	Model 20-10-20		Model 20-10-21	
Range	Up to 100m / 300 ft outdoors		Up to 600m / 2000 ft outdoors	
Logging Capacity	1,000 events with date / timestamp			
Battery Life	Up to 10 years			
Motion	Accelerometer 3-axis, sensitivity 0g – 16g, programmable			
Magnet Switch	Detect removal from and insertion into holder			
Compatibility	EN12830 class 1, storage & transport, Climatic environment type:D CE, EN300328, EN55022 (868 MHz) FCC, IC (915 MHz)			
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	IP68, 24hours @ 1m			
	Model 20-10-20		Model 20-10-21	
Dimensions	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	32 g	40 g	37 g	45 g

### CMI FRANCE

Ecoparc d'Affaires  
F- 41210 Neung-sur-Beuvron  
Tel : +33 (0)2 54 95 70 95

Agence Rhône Alpes :  
F- 26160 La Bégude de Mazenc  
Tel: +33 (0)4 75 54 57 26

infofr@cmittest.com  
[www.cmittest.com](http://www.cmittest.com)

