Wireless RFID Sensor

ITEMS MOV

Ref. IDF0455

Motion Sensor

◉ User-definable Tag's Identifier (RW)

◉ Internal Motion Sensor

◉ High Receiging Range : up to 150 m (open field)

◉ Autonomy : up to 10 years (depending on the defined cycle of ID's emission)

Technical Specifications	
Battery Power Supply	3.6 VDC
Frequency	433.92 MHz
Identifier Data Format	ID code on 12 bits + 12 bits for movement value (0 to FFF)
Movement Alarm Level	Configurable into the TAG Level value for triggering the alarm : 0 to FFFF
ID code's emission cycle in Sleep mode	PP: Pre-scaler of cycle time - 0 to FF (0 to 255)
ID code's emission cycle in Alarm mode	Emission Cycle Time from 220ms to 12h
Settings	By SCIEL PROG IR tool and ERW configuration software
Reader's Compatibility	SCIEL Reader Family
Battery Level Management	Specific ID code sent at the end of the battery's life : 0FFF
Indicative Autonomy Alarm Cycle Time: 1 sec Sleep Mode Cycle Time: 5 sec Pre-scaler: 05	No movement : 10 years Frequent movements inferior to the trigger level: 4 years Frequent movements superior to the trigger level: 2 years
Housing	White ABS material 80 x 34 x 28 mm – 2 mounting Ø4mm holes, spacing 66mm
Operating Temperature	-40°C to +80°C
Standards	EN 301 489 – 3 : 2002 V1.4.1 ; EN 300 220 – 2007 : V2.1.2 ; CE Mark ; RoHS Certified

Waterproof version : ITEMS EMOV / Ref. IDF0951
IP65 waterproof
Polycarbonate material
Housing 52x50x35mm
2 internal Ø4.5mm holes for mounting

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