

**Wireless RFID sensors**

**ITEMS AD**

Ref. IDF0942



- 👁️ User-definable Tag's Identifier (RW)
- 👁️ **IP65** Waterproof
- 👁️ 1 Analog Input available
- 👁️ Very high range: up to **150 meters** (open field)
- 👁️ High lifecycle: from **5 to 10 years** (according to settings)

**TECHNICAL SPECIFICATIONS**

Battery power supply	3.6 VDC
Frequency	433,92 MHz +/- 75 khz
Max. transmission range	150 meters (open field)
Operating temperature	-40°C to +70°C
Identifier data format	User-definable - RW (with SCIEL Prog tool)
ID code data format	12 bits (High)
Analog data format	12 bits (Low)
Analog data range	From 0 to +3 V
Input impedance	Zin= 100KΩ
Pluggable screw connectors	An: analog / G: Ground
Settings & configuration	By SCIEL PROG IR tool and ERW configuration software
Reader's compatibility	SCIEL Reader Family
Battery level management	Low Lever Battery's code: ID+FFF hexa (activation with SCIEL Prog tool) Note: this feature is always activated, whatever the setting selected by the ERW configuration software
Housing	ABS – 50x50x35 mm – IP65 – 2 internal mounting holes
Standards	EN 301 489 – 3: 2002 V1.4.1; EN 300 220 – 2007: V2.1.2; CE Mark; RoHS Certified