RFID sensor (S-RFID) – Technical specification

S-RFID is a sensor for recording work time and performed activities by scanning RFID cards. It's a data source for further resource usage analysis in the MAPS analytic software.

Parameters

Power source	CR2477 battery (3V, 1000mAh) battery life: 1 year[1]
RFID UID reading	per ISO 14443-A, supported technologies: MIFARE Classic, MIFARE Ultralight, NTAG 213
Readout confirmation	sound (beep)
Communication	2.4 GHz, BT 4.2 LE range: up to 30m
Internal memory size[2]	5000 scans
Data upload time	1-60 min.[3]
Colour	black/white
Dimensions	78 x 48 x 20mm
Weight	52 g
Environment	-30°C – 60°C, no condensation
Norms	EN 60950-1:2006, EN 300 328, EN 300 330-1, EN 300 330-2, EN 61000-6-2:2005, EN 301 489-3, EN 301 489-17, EN 62311:2008, EN 301 489-1
Made in	Poland

What you get

The sensor is packaged together with:
- a battery,
- a compatible belt clip.

Power

The sensor is powered by a single CR2477 primary battery. This is a standard battery, which we can supply for you, but there are many other suppliers available as well. We recommend genuine Panasonic batteries.

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[1] Measured in room temperature, with 400 scans per day. The real world battery life may differ from the given value, especially in low temperature or when the sensor is far from the base station when transmitting data.

[2] After the internal memory is full, the registration still works. The oldest data is overwritten by the newer.

[3] Depending on the amount of data recorded and the connection quality.