



# LoRa® SPY T1



Temperature and door-opening recorder  
with a long-range LoRaWAN™ connectivity



Non contractual photo

## Presentation

The LoRa® SPY T1 recorder measures and records temperature and door openings. Data are sent to the JRI secure Cloud by the LoRaWAN™ network of the telecom operators members of the LoRa Alliance™, or by a local network. In case of thresholds excursion, real-time alerts are sent.

The LoRa® SPY T1 is particularly adapted to the supply chain applications, transport and warehouse storage areas.

## Technical features

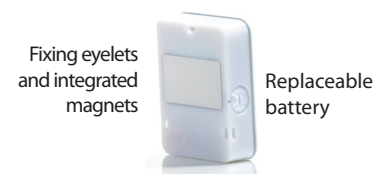
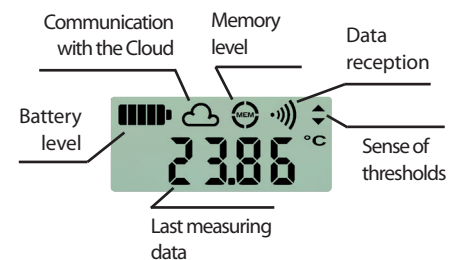
Interface	Status LED lights, On/Off touch sensitive button, LCD display
Measurement range	-30°C to +70°C
Accuracy	±0.4°C from -20°C to +40°C and ±0.5°C out of this range
Memory	10 000 data points
Communication frequency	868 MHz
Radio range	Up to 16 km open field range
Sensors	Class A PT 100 and light detector
Resolution	0.01
Measuring interval	Adjustable from 1 mn to 12 hrs
Transmission & recording interval (internal memory)	Adjustable from 1 mn to 24 hrs
Response time $\sigma_{90}$	~15 mn
Operating conditions	-30°C to +70°C
Protection	IP68
Case	Polycarbonate – Food contact
Dimensions and weight	87 x 64 x 25 mm / ~ 100 g
Power supply	Replaceable Lithium 3,6v battery
Battery lifetime	2 to 4 years depending on use
Fixation	Fixing eyelets and integrated magnets
Supplied with	Battery, Grey identification ring User manual on <a href="http://www.jri-maxant.com">www.jri-maxant.com</a>
Compliance	CE, ROHS, FCC, ETSI 300-328, NF EN 12830
Standard calibration points	-18°C / +5°C / +25°C

## Benefits

- **Easy-to-use**  
The recorder is ready-to-use and has operating and alarm lights



- **Excellent measurement accuracy**
- **Several modes of data exploitation**



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