



LoRa® SPY T2



Temperature recorder
with a long-range LoRaWAN™ connectivity



Non contractual photo

Refrigerator version

Presentation

The LoRa® SPY T2 measures and records temperature thanks to an external probe. Data are sent to the JRI secure Cloud by LoRaWAN™ network of the telecom operators members of the LoRa Alliance™, or by a local network. In case of threshold excursions, real-time alerts are sent.

Designed to monitor thermo-controlled chambers, the LoRa® SPY T2 can be fixed outside thanks to its magnet allowing to visualize data measurement.

Technical features

	Standard version	Incubator version
Interface	Status LED lights, On/Off touch sensitive button, LCD display	
Measurement range	-50°C to +105°C	
Accuracy	±0.3°C from -20°C to +30°C ±0.5°C out of this range	±0.2°C from +30°C to +50°C
Memory	10 000 data points	
Communication frequency	868 MHz	
Radio range	Up to 16 km open field range	
Sensor	External Class A PT 100 - Ø5x20mm	
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 σ_{90}	~2 mn	
Operating conditions	-30°C to +70°C	
Protection	IP67	
Case	Polycarbonate – Food contact	
Dimensions and weight	87 x 64 x 25 mm / ~ 100 g	
Cable length	30 cm and 3 m	
Power supply	Replaceable Lithium 3,6v battery	
Battery lifetime	2 to 4 years depending on use	
Fixation	Fixing eyelets and integrated magnets	
Supplied with	Blue and green identification rings Battery, user manual on www.jri-maxant.com	Yellow identification ring
Compliance	CE, ROHS, FCC, ETSI 300-328, NF EN 12830	
Standard calibration points	-18°C / +5°C / +25°C	+36C / +38°C / +50°C

Benefits

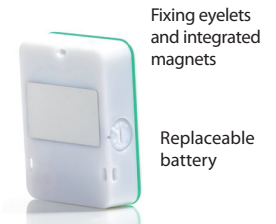
- **Easy-to-use**
The recorder is ready-to-use and has operating and alarm lights



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



External temperature probe



Fixing eyelets and integrated magnets

Replaceable battery



Freezer Standard version



Incubator version

PART NRS
11804 : LoRa® SPY T2 30cm
11804_I : LoRa® SPY T2 30cm for Incubator
11805 : LoRa® SPY T2 3m
11805_I : LoRa® SPY T2 3m for Incubator
11955 : LoRa® SPY T2 3m SMART

17 349b EN 01 02