



LoRa® SPY T0



Temperature recorder
with a long-range LoRaWAN™ connectivity



Non contractual photo

Presentation

The LoRa® SPY T0 recorder measures and records temperature.

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.

Robust and waterproof, it is adapted to the cold chain monitoring during transportation.

Technical features

Interface	Status LED lights, On/Off touch sensitive button
Measurement range	-40°C to +85°C
Accuracy	±0.5°C from -20°C to +30°C and ±0.8°C out of this range
Memory	10 000 data points
Communication frequency	868 MHz
Radio range	Up to 16 km open field range
Sensor	Internal Class A PT 100
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}	~15 mn
Operating conditions	-40°C to +85°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
Supplied with	Battery, user manual on www.jri-maxant.com
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**

Fixing eyelets



Replaceable battery