



LoRa® SPY T3



Extreme low temperature recorder
with a long-range LoRaWAN™ connectivity



Non contractual photo

Presentation

The LoRa® SPY T3 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 low temperature, the LoRa® SPYT3 can be placed on the outside thanks to its magnet allowing to visualize data measurement.

Technical features

Interface	Status LED lights, On/Off touch sensitive button, LCD display
Measurement range	-200°C to 0°C
Accuracy	±0.2°C from -20°C to 0°C ±0.5°C out of this range
Memory	10 000 data points
Communication frequency	868MHz
Radio range	Up to 16 km open field range
Sensor	External Class A PT 100 - Ø2,9mm Téflon® cable
Operating conditions	-30°C to +70°C
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
Protection	IP65
Case	Polycarbonate – Food contact
Dimensions and weight	87 x 64 x 25 mm / ~ 100 g
Cable length	50 cm and 6m
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, red identification ring User manual on www.jri-maxant.com
Compliance	CE, ROHS, FCC, ETSI 300-328, NF EN 12830
Standard calibration points	-80C / -10°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

PART NRS
11808 : LoRa® SPY T3 50cm
11806 : LoRa® SPY T3 6m