

# LoRa SPY T2



Temperature recorder with a long-range LoRaWAN™ connectivity



Freezer Standard version

Non contractual photo

## 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

	LoRa SPY T2
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
Memory	10 000 data points
Communication frequency	868 MHz / 915 MHz
Radio range	Up to 16 km open field range
Sensor	External Class A PT100 - Ø5x20mm
Resolution	0.01
Measuring interval	Adjustable from 1 min to 24h (local network model) Adjustable from 15 min to 24h (operator network model)
Transmission & recording interval (internal memory)	Adjustable from 1 mn to 24 hrs
Response time S <sub>90</sub>	~2 mn
Operating conditions	-30°C to +70°C
Protection	IP65
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 years
Fixation	Fixing eyelets and integrated magnets
Supplied with	Blue and green identification rings User manual on <a href="http://www.jri-corp.com">www.jri-corp.com</a>
Compliance	CE, ROHS, FCC, EN 300-320, 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

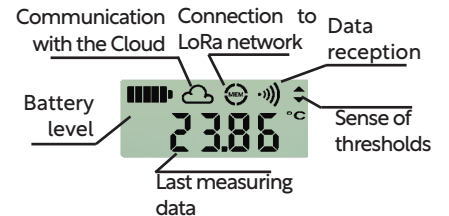


- Excellent measurement accuracy
- Several modes of data exploitation



External temperature probe

Fixing eyelets and integrated magnets  
Replaceable battery



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