



LoRa® SPY T3



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



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® SPY T2 can be placed on the outside thanks to its magnet allowing to visualize data measurement.

Technical features

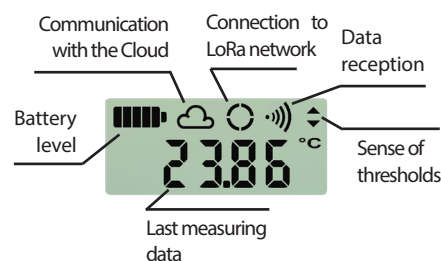
Communication frequency	868MHz	915MHz
Interface	Status LED lights, On/Off touch sensitive button, LCD display	
Measurement range	-200°C to 0°C	
Accuracy	±0.2°C from -20°C to 0°C ±0.5°C out of this range	
Memory	10 000 data points	
Radio range	Up to 16 km open field range	
Sensor	External Class A PT 100 - Ø2,9mm Téflon® cable	
Operating conditions	-30°C to +70°C	
Resolution	0.01	
Measuring interval	Adjustable from 1 mn to 5 mn	
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 years	
Fixation	Fixing eyelets and integrated magnets	
Supplied with	Battery, red identification ring User manual on www.jri-corp.com	
Compliance	CE, ROHS, FCC, EN 300-320, 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**



PART NRS
 11808 EU : LoRa® SPY T3 0,5m
 11806 EU: LoRa® SPY T3 6m
 11808 EX: LoRa® SPY T3 0,5m 868MHz (without battery)
 11808 EX: LoRa® SPY T3 6m 868MHz (without battery)
 12275 EX : LoRa® SPY T3 0,5m 915MHz (without battery)
 12274 EX : LoRa® SPY T3 3m 915MHz(without battery)
 12273 EX : LoRa® SPY T3 6m 915MHz (without battery)