



# Nano SPY T2

Mini Temperature Data logger  
2,4GHz radiofrequency communication



Non contractual photo

## Presentation

The Nano SPY T2 measures and records temperature with its external probe. It transmits the data to a nearby LINK module via 2.4 GHz radio frequency communication.

The data are then automatically sent to the JRI secure Cloud for hosting, and will be managed from the JRI MySirius web application.

If thresholds are exceeded, alerts are transmitted in real time to react immediately.

Designed to monitor thermo-controlled chambers, the sensor can be fixed thanks to its magnet outside of the equipment.

## Technical features

	Standard Version	Incubator Version
Interface	Status LED and On/Off touch sensitive button	
Measurement range	-50°C to +105°C	
Accuracy	±0.3°C from -20°C to +30°C and ±0.5°C out of this range	±0.2°C from +30°C to +50°C and ±0.5°C out of this range
Communication frequency	2,4 GHz (802.15.4)	
Memory	10 000 data points	
Temperature sensor	External PT100 probe - Ø5x20mm	
Operating conditions	-30°C to +70°C	
Resolution	0.01	
Measuring and transmission period	Adjustable from 5 sec to 12 hrs	
Internal memory recording period	Adjustable from 5 sec to 24 hrs	
Response time $\sigma_{90}$	~2 mn at 90% of the variation	
Protection	IP65	
Case	Polycarbonate – Food contact	
Dimensions and weight	63 x 42 x 25 mm / ~ 60 g	
Cable length	30 cm, 3m or 8m	30 cm or 3m
Power supply	3,6v Lithium battery - Replaceable	
Battery life	2 to 4 years depending on use	
Fixation	Fixing eyelets and integrated magnets	
Supplied with	Blue JRI identification ring	Yellow identification ring
Compliance	CE, ROHS, FCC, ETS 300-328, EN 12830	
Standard calibration points	-18°C / +6°C / +22°C	+36°C / +38°C / +45°C

## Benefits

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



- **Excellent measurement accuracy**



Fixing eyelets



Replaceable battery and non disconnectable probe



Incubator Version

**PART NRS**  
11569 : Nano SPY T2 30cm  
11570 : Nano SPY T2 3m  
11571 : Nano SPY T2 8m  
11569\_I : Nano SPY T2 30cm  
11570\_I : Nano SPY T2 3m