



Nano SPY Digital

THE REAL « WIRELESS »

Mini Temperature Data logger
2,4GHz Radiofrequency Communication
Simplified metrology services



Non contractual photo

Presentation

The Nano SPY Digital sensor measures and records the temperature and then transmits its data to the nearby LINK module installed through a 2.4 GHz radio frequency communication. The measurements are then automatically sent to the MySirius application, either the Cloud JRI version for secure hosting or the Server version. The Nano SPY Digital recorder is designed to be used with JRI digital probes, and it has an internal memory allowing the storage of 10 000 measurements.

The digital probes have an internal memory keeping the calibration coefficients. This makes it possible to carry out calibration in the laboratory by simply exchanging the probe without interrupting the monitoring of heat-sensitive products.

The JRI laboratory has a COFRAC accreditation to perform these calibrations (accreditation N°2-1943 available on www.cofrac.fr).

Small and robust, designed to monitor the temperature directly from inside your enclosures.

Technical features

Interface	Status LED lights and On/Off touch sensitive button
Measurement range & Accuracy	Depending on JRI digital probes
Communication frequency	2,4 GHz (802.15.4)
Memory	10 000 data points
Sensor	Depending on JRI digital probes
Operating conditions	-30°C to +70°C
Resolution	Depending on JRI digital probes
Measuring and transmission period	1 mn
Internal memory recording period	Adjustable from 1 mn to 24 hrs
Response time σ_{90}	Depending on JRI digital probes
Protection	IP40
Case	Polycarbonate – Food contact
Power supply	Lithium 3,6v battery - Replacement
Battery life	6 years
Dimensions and weight	63 x 42 x 25 mm / ~ 60 g
Fixation	Blue JRI identification ring Fixing eyelets and integrated magnets
Supplied with	User manual can be download on www.jri-corp.com
Compliance	CE, ROHS, FCC, ETS 300-328, NF EN 12830 (when the 12350 probe is used in storage and transport applications)
Standard calibration points	Depending on JRI digital probes

Benefits

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



- **Excellent measurement accuracy**



Fixing eyelets



Digital probe connection
IP40 Binder socket

FT 13491 EN A

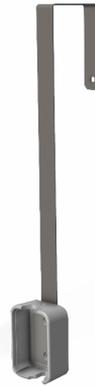
PART NUMBERS
13491E : Nano SPY Digital
13491X : Nano SPY Digital without battery

Accessories



Protective shell
Part nr. 12715

The protective shell is used to protect all Nano SPY mini-data loggers from shocks. It is supplied with a double-sided adhesive to be glued to all surfaces and an anti-theft screw for the Nano SPY. It can also be screwed (screws not supplied).



Caliper for protective shell
Part nr. 12716

The caliper is designed for the fixing of a protective shell of Nano SPY on cabinets with horizontal opening to facilitate cleaning operations. The caliper can be mounted on 65mm wide walls (without the screw + adjustment bolt). The protective shell of Nano SPY can be directly glued to the bottom of the bracket and/or fixed with screws (provided).

Clip and Nano SPY Protective Shell
Part nr. 13204

