

## Nano SPY T1



Mini Temperature Data logger to put inside your chamber



Part nr. 11567

## Presentation

The Nano SPYT1 sensor measures, records temperature and transmits its 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 on the JRI MySirius web application.

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

Small and robust, it is designed to monitor temperature directly from inside the chambers. The calibration can be realized by simple exchange.

## Technical features

Status LED lights and On/Off touch sensitive button  Measurement range  Accuracy  Accuracy  ±0.4°C from -20°C to +40°C and ±0.5°C out of this range  2,4 GHz (802.15.4)  Memory  10 000 data points  Sensor  Internal PT100  Operating conditions  -40°C to +85°C  Resolution  Operating and transmission frequency  Adjustable from 5 sec to 12 hrs  Recording frequency (internal memory)  Adjustable from 5 sec to 24 hrs  Response time  -2 mn at 90% of the variation  Protection  Protection  Power supply  Lithium 3,6v battery - Replacement  Battery life  2 to 4 years depending on use  Dimensions and weight  Supplied with  Supplied with  Compliance  CE, ROHS, FCC, ETS 300-328, EN 12830  Status LED lights and On/Off touch sensitive button  40°C to +85°C  0.01  Adjustable from 5 sec to 12 hrs  Adjustable from 5 sec to 24 hrs  ~2 mn at 90% of the variation  Protection  IP68  Case  Polycarbonate – Food contact  Lithium 3,6v battery - Replacement  3 x 42 x 25 mm/~ 60 g  Fixing eyelets and integrated magnets  Battery, 3 identification rings pack: blue, green and grey  User manual can be download on www.jri-maxant.com  CE, ROHS, FCC, ETS 300-328, EN 12830		
Accuracy  Communication frequency  2,4 GHz (802.15.4)  Memory  10 000 data points  Internal PT100  Operating conditions  Resolution  Measuring and transmission frequency  Recording frequency (internal memory)  Response time  Protection  Protection  Power supply  Battery life  Dimensions and weight  Supplied with  Compliance  Lithium 3,6v battery - Replace and grey User manual can be download on www.jri-maxant.com  CE, ROHS, FCC, ETS 300-328, EN 12830	Interface	Status LED lights and On/Off touch sensitive button
Communication frequency  2,4 GHz (802.15.4)  Memory  10 000 data points  Internal PT100  Operating conditions  -40°C to +85°C  Resolution  0.01  Measuring and transmission frequency  Recording frequency (internal memory)  Response time  Protection  Protection  Power supply  Lithium 3,6v battery - Replacement  Battery life  Dimensions and weight  Supplied with  Supplied with  Compliance  Cese Communication  Picy (802.15.4)  Algustable from 5 sec to 24 hrs  -20 m at 90% of the variation  Protection  Lithium 3,6v battery - Replacement  Algustable from 5 sec to 24 hrs  -20 m at 90% of the variation  Lithium 3,6v battery - Replacement  Algustable from 5 sec to 24 hrs  -20 m at 90% of the variation  Lithium 3,6v battery - Replacement  Algustable from 5 sec to 24 hrs  -20 m at 90% of the variation  Fixing eyelets and integrated magnets  Battery, 3 identification rings pack: blue, green and grey  User manual can be download on www.jri-maxant.com  CE, ROHS, FCC, ETS 300-328, EN 12830	Measurement range	-40°C to +85°C
Sensor Internal PT100 Operating conditions -40°C to +85°C Resolution 0.01 Measuring and transmission frequency Adjustable from 5 sec to 12 hrs Recording frequency (internal memory) Adjustable from 5 sec to 24 hrs Response time ~2 mn at 90% of the variation Protection IP68 Case Polycarbonate – Food contact Power supply Lithium 3,6v battery - Replacement Battery life 2 to 4 years depending on use Dimensions and weight 63 x 42 x 25 mm / ~ 60 g Fixation Fixing eyelets and integrated magnets  Supplied with Compliance CE, ROHS, FCC, ETS 300-328, EN 12830	Accuracy	$\pm 0.4^{\circ}\text{C}$ from -20°C to +40°C and $\pm 0.5^{\circ}\text{C}$ out of this range
Sensor Internal PT100  Operating conditions -40°C to +85°C  Resolution 0.01  Measuring and transmission frequency Adjustable from 5 sec to 12 hrs  Recording frequency (internal memory) Adjustable from 5 sec to 24 hrs  Response time -2 mn at 90% of the variation  Protection IP68  Case Polycarbonate – Food contact  Power supply Lithium 3,6v battery - Replacement  Battery life 2 to 4 years depending on use  Dimensions and weight 63 x 42 x 25 mm / ~ 60 g  Fixation Fixing eyelets and integrated magnets  Supplied with Battery, 3 identification rings pack: blue, green and grey User manual can be download on www.jri-maxant.com  Compliance CE, ROHS, FCC, ETS 300-328, EN 12830	Communication frequency	2,4 GHz (802.15.4)
Operating conditions  Resolution  O.01  Measuring and transmission frequency  Recording frequency (internal memory)  Response time  Protection  Protection  Power supply  Lithium 3,6v battery - Replacement  Battery life  Dimensions and weight  Supplied with  Supplied with  Cambriance  Canus  Canus  Compliance  Adjustable from 5 sec to 12 hrs  Adjustable from 5 sec to 24 hrs  Palycarbon 5 sec to 12 hrs  Palycarbon 5 sec	Memory	10 000 data points
Resolution  Measuring and transmission frequency  Adjustable from 5 sec to 12 hrs  Recording frequency (internal memory)  Adjustable from 5 sec to 24 hrs  Response time  Protection  Protection  Power supply  Lithium 3,6v battery - Replacement  Battery life  2 to 4 years depending on use  Dimensions and weight  Fixation  Supplied with  Battery, 3 identification rings pack: blue, green and grey User manual can be download on www.jri-maxant.com  Cer, ROHS, FCC, ETS 300-328, EN 12830	Sensor	Internal PT100
Measuring and transmission frequency Recording frequency (internal memory) Response time Protection Protection Power supply Lithium 3,6v battery - Replacement Battery life Dimensions and weight Supplied with Supplied with Compliance  Adjustable from 5 sec to 12 hrs Adjustable from 5 sec to 24 hrs Adjustable from 5 se	Operating conditions	-40°C to +85°C
Recording frequency (internal memory)  Response time Protection Protection Power supply Lithium 3,6v battery - Replacement Battery life Dimensions and weight Supplied with Supplied with Compliance CE, ROHS, FCC, ETS 300-328, EN 12830	Resolution	0.01
Response time Protection Protection Polycarbonate – Food contact Power supply Lithium 3,6v battery - Replacement Battery life 2 to 4 years depending on use Dimensions and weight 63 x 42 x 25 mm / ~ 60 g Fixation Fixing eyelets and integrated magnets  Supplied with Battery, 3 identification rings pack: blue, green and grey User manual can be download on www.jri-maxant.com Compliance CE, ROHS, FCC, ETS 300-328, EN 12830	Measuring and transmission frequency	Adjustable from 5 sec to 12 hrs
Protection  Case Polycarbonate – Food contact Power supply Lithium 3,6v battery - Replacement  Battery life 2 to 4 years depending on use Dimensions and weight 63 x 42 x 25 mm / ~ 60 g  Fixation Fixing eyelets and integrated magnets  Supplied with Battery, 3 identification rings pack: blue, green and grey User manual can be download on www.jri-maxant.com  Compliance CE, ROHS, FCC, ETS 300-328, EN 12830	Recording frequency (internal memory)	Adjustable from 5 sec to 24 hrs
Case Polycarbonate – Food contact  Power supply Lithium 3,6v battery - Replacement  Battery life 2 to 4 years depending on use  Dimensions and weight 63 x 42 x 25 mm / ~ 60 g  Fixation Fixation Fixing eyelets and integrated magnets  Battery, 3 identification rings pack: blue, green and grey User manual can be download on www.jri-maxant.com  Compliance CE, ROHS, FCC, ETS 300-328, EN 12830	Response time	~2 mn at 90% of the variation
Power supply  Lithium 3,6v battery - Replacement  Battery life  2 to 4 years depending on use  Dimensions and weight  63 x 42 x 25 mm / ~ 60 g  Fixation  Fixing eyelets and integrated magnets  Supplied with  Battery, 3 identification rings pack: blue, green and grey User manual can be download on www.jri-maxant.com  Compliance  CE, ROHS, FCC, ETS 300-328, EN 12830	Protection	IP68
Battery life  Dimensions and weight  63 x 42 x 25 mm /~ 60 g  Fixation  Fixing eyelets and integrated magnets  Battery, 3 identification rings pack: blue, green and grey User manual can be download on www.jri-maxant.com  Compliance  CE, ROHS, FCC, ETS 300-328, EN 12830	Case	Polycarbonate – Food contact
Dimensions and weight  63 x 42 x 25 mm/~ 60 g  Fixation  Fixing eyelets and integrated magnets  Battery, 3 identification rings pack: blue, green and grey User manual can be download on www.jri-maxant.com  Compliance  CE, ROHS, FCC, ETS 300-328, EN 12830	Power supply	Lithium 3,6v battery - Replacement
Fixation Fixing eyelets and integrated magnets  Supplied with Supplied with Compliance Fixing eyelets and integrated magnets  Battery, 3 identification rings pack: blue, green and grey User manual can be download on www.jri-maxant.com  CE, ROHS, FCC, ETS 300-328, EN 12830	Battery life	2 to 4 years depending on use
Supplied with  Battery, 3 identification rings pack: blue, green and grey User manual can be download on www.jri-maxant.com  Compliance  CE, ROHS, FCC, ETS 300-328, EN 12830	Dimensions and weight	63 x 42 x 25 mm / ~ 60 g
User manual can be download on www.jri-maxant.com  Compliance CE, ROHS, FCC, ETS 300-328, EN 12830	Fixation	Fixing eyelets and integrated magnets
	Supplied with	
Standard calibration points	Compliance	CE, ROHS, FCC, ETS 300-328, EN 12830
Standard Cambration Points	Standard calibration points	-18°C/+6°C/+22°C

## **Benefits**

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



**Excellent measurement** accuracy



Fixing eyelets



Replaceable battery



Refrigerator version



**Ambient** version

JRI, Société par actions simplifiée au capital de 4 000 000 €

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