

SPY Touch' Temperature Monitoring Recorder

1st touch screen recorder with USB key



**QUICK INSTALLATION,
NO COMPUTER REQUIRED,
FRIENDLY USER MENU,
REAL TIME ALARM MANAGEMENT,**

Monitoring is our priority



Key features & Technical characteristics

Use the touch sensitive screen for device configuration and data visualization

Download data or save configurations with a simple USB key

Password totally secures the process



> Local and remote alarm capabilities

Buzzer and colour changing screen advise locally operators in case of alarms.
Autodialer can be directly connected to the recorder.

> **The data processing software** installed in a computer allows you to visualize graphs and mark all the events (configuration, alarms, acknowledgements).

> Data are encrypted and cannot be modified

Your cold chain storage is secured.
Critical events are easily documented.

Number / type of inputs	2 / Pt100, digital probes, dry contact
Accuracy	±0,3°C between -20°C and +50°C ±2%RH between 0 and 90%RH
Resolution	0.1°C
Operating conditions	From +5°C to +40°C
Memory	40000 measurement points per channel
Acquisition frequency	From 10s to 2 hours
Local alarms	Visual (multicolour screen) and audio (buzzer)
Type of output	1 dry contact (for remote alarms)
Power supply	230 VAC 50 Hz - 115 VAC 60Hz
Battery life time	6 hours in case of power failure
Dimensions and weight	161x84x60mm (HxWxD) – 480g
Protection	IP 20
Delivered with	USB key, multi languages software, user manual
Accessories	Audible and visual alarm device, autodialer, mounting device (Velcro, square...), protection box



Applications Examples

Applications examples	Measurement range
Temperature monitoring and door ajar detection for refrigerators, incubators and freezers	Ch1: -55°C to +80°C Ch2: door ajar detection
Temperature and humidity monitoring for refrigerators and incubators	Ch1: -40°C to +80°C Ch2: 0 to 100%RH without condensation
Temperature monitoring for 2 equipments	Ch1 and 2: -55°C to +80°C
Core temperature monitoring and door ajar detection for refrigerators, incubators and freezers	Ch1: -55°C to +80°C Ch2: door ajar detection
Temperature monitoring and door ajar detection for ULT freezer	Ch1: -250°C to +150°C Ch2: door ajar detection
Temperature monitoring and level detection for liquid nitrogen tank	Ch1: -250°C to +150°C Ch2: level detection