SC METROMAT SRL

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Ethernet recorder, SPY IP

The SPY IP recorder allows to monitor simultaneously and independently, up to four different parameters:
Temperature (PT100 and digital), temperature / humidity,4-20mA, dry contact...

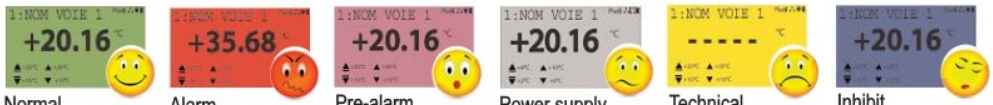


Presentation

- 2 recording frequencies (normal and accelerated during the alarm time)
- 2 alarm thresholds
- 2 pre-alarm thresholds
- Several recording modes : immediate, by time, by pressing the touchscreen, by changing channels, or due to rising or falling target values
- Measurement display and alarm detection in real time
- Buzzer
- Data exploitation by Sirius Storage Software via Ethernet communication

Use

It allows displaying measurements and curves on the touchscreen. The different colours on the screen show the status of monitored equipment. In case of alarm, it is also possible to acknowledge or inhibit an alarm directly from the touchscreen.



Benefits

SPY IP is the ideal recorder for monitoring via your Ethernet network.

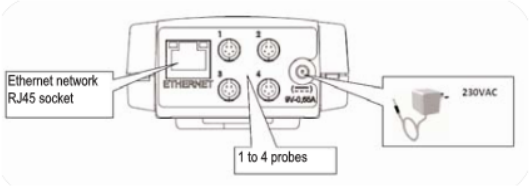
- **Ease of Installation**
  Using your Ethernet network (wired)
- **Economic**
  4 measurement channels per recorder
- **Flexibility**
  Compatibility with radiofrequency recorders SPY RF
- **User friendly**
  Multicolour touchscreen
  Intuitive interface of the Sirius Storage Software
- **Versatility**
  4 independent channels
- **Reactivity**
  Measurements and real-time alerts
  40 000 data upload in a few seconds
- **Strength**
  Reliability of measurements and alerts transfer, even in areas with high radio interference

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Technical features

	SPY IP 1	SPY IP 4
Number of channel	1	1
Storage temperature	from 0°C to +80°C	
Operating range	0 to +40°C and 0-90% RH non condensing	
Measuring range	-200 to +85°C depending on the probe / 0 to 100% RH	-200°C to+300°C depending on the probe / 0 to 100% RH
Type of input	digital / dry contact (counting / frequency)	digital and analog (PT 100 / 4-20 mA / 0-1V) dry contact (counting / frequency)
Recording interval	1s to 90 min	
Internal memory	2 x 10 000 measurements	4 x 10 000 measurements
Power supply	Plug (9 VDC 650mA) or via Ethernet (POE)	
Dimensions	153 x 82 x 35mm	
Battery lifetime	From 4 to 6hrs	
Conformities	EN 61326-1 (july 2006) - EN 61010 (january 2011)	
Protection index	IP 20	
Included	user manual	

Models	Part nr.
SPY IP 1 DIGITAL VDC (EUR)	11106
SPY IP 1 DIGITAL POE	11105
SPY IP 1 DIGITAL VDC (INT)	11107
SPY IP 4 DIGITAL & ANALOG VDC (EUR)	10481
SPY IP 4 DIGITAL & ANALOG POE	10484
SPY IP 4 DIGITAL & ANALOG VDC (INT)	10482



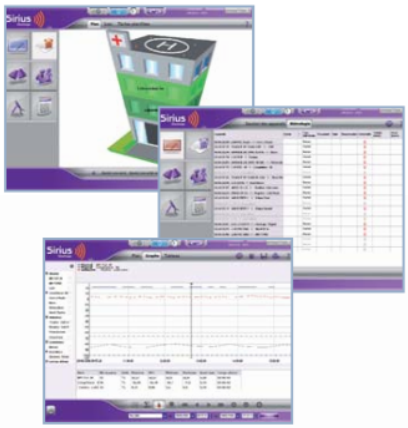
Options

Probes

Some models	Part nr.
PT 100 probe - 3m	09520
PT 100 probe - 8m	10540
Digital T°C probe - 3m	06556
Digital TH probe delivered with 15cm extension lead	11292
Universal adaptor (4-20mA or dry contact)- 5m	00949

Measurement Data Management

Data are managed with Sirius Storage software from 2.1.5 version.



Extensions leads

Models	Part nr.
3m extension lead	10922
12m extension lead	10923

NOTA: Aceasta fisa a fost realizata sub rezerva modificarilor ulterioare de ordin tehnic sau a erorilor de editare.

Fotografia are caracter informativ.

NOTE: Products and specifications are subject to change without prior notice .Pictures may differ from original.