



Radio Printer



Wireless Receiver with Printer and Alarms for Temperature Monitoring

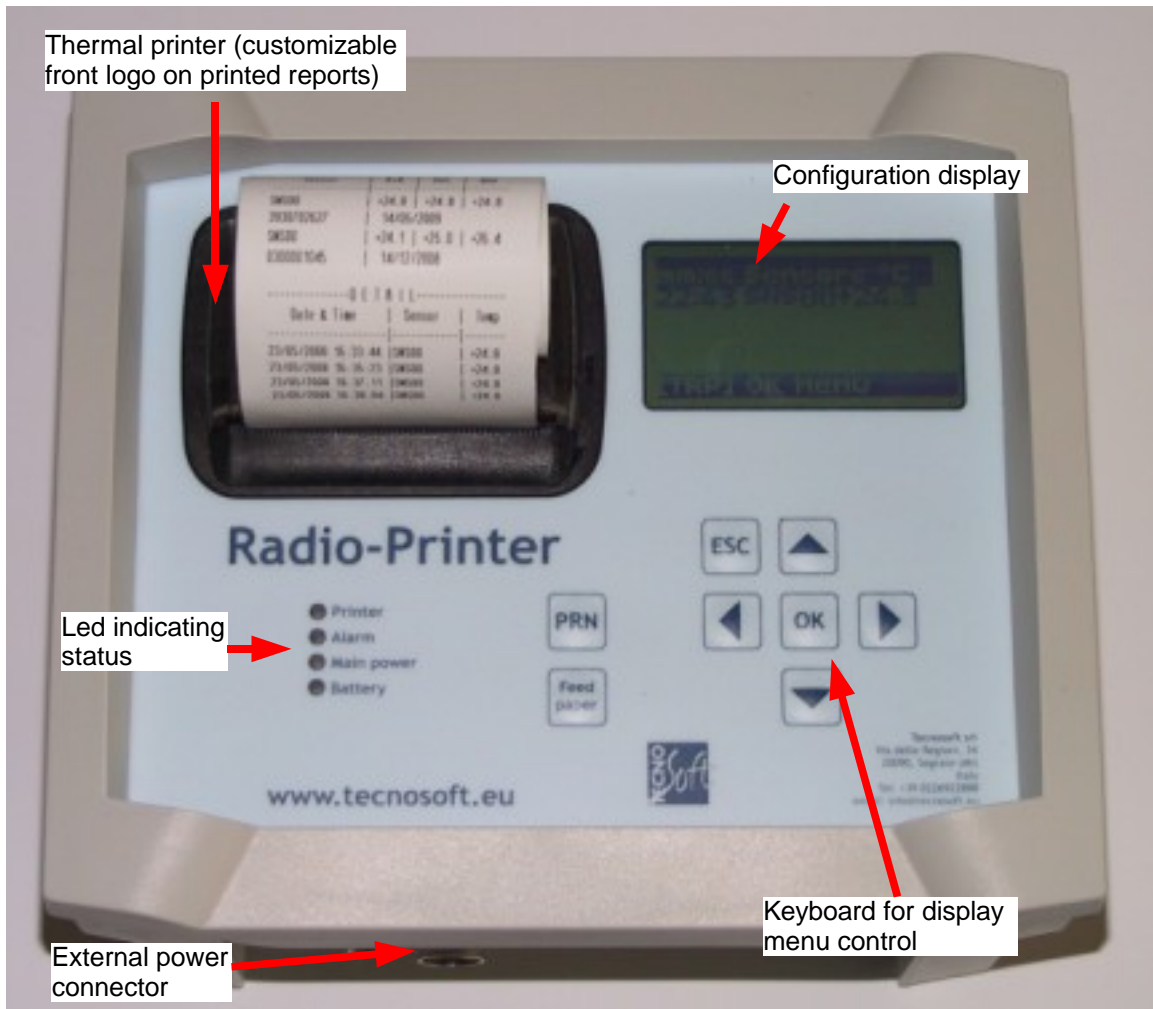
The **Radio Printer** is a wireless system for temperature monitoring and control. It is made up by one or more temperature sensor-transmitters, like the **TempStick Radio** or the **Intelligent Sensor** with the **Radio Node**, and a radio receiver, the Radio Printer itself. It has everything it needs to work and doesn't require any PC or software : the display allows to configure the acquisitions and the printer to store easily and quickly all the stored data.

Pro

- no need of a PC nor software;
- graphic and alphanumeric LCD display;
- LED and sound alarms for thresholds set by the operator;
- display values for each sensor and all data recorded;
- rechargeable batteries and external power supply.

Applications:

- stock houses and warehouses monitoring;
- fridges and fridge cells monitoring;
- environment monitoring;
- computer rooms control;
- laboratories monitoring;
- transport monitoring;
- catering services;
- HACCP compliance temperature monitoring;
- ISO compliance temperature monitoring.



Technical Features



| Radio Printer | |
|--------------------------|---|
| Size | 20 X 17,6 X 8,6 cm |
| Weight | 1.00 Kg |
| Display | Graphic and alphanumeric with selection menu |
| LED | Led indicating status (external power, low battery, alarms, printer status) |
| Printer | Thermal printer for data printing (customizable logo) |
| Keyboard | 6 keys keyboard (OK, ESC, 4 directional keys) + PRN and paper Feed button |
| Acquisition Mode | <ul style="list-style-type: none"> - Non-stop monitoring with print on demand - Non-stop monitoring with print at intervals - Non-stop monitoring with print at set times - Transport monitoring with print on demand |
| Print Mode | <ul style="list-style-type: none"> - Summary print (Max, Min, Average) - Detailed print (all the data for each sensor) |
| Memory | 134.800 acquisitions (to share among the paired sensors) |
| Alarms | Programmable alarms for set temperature thresholds; alarm for memory full |
| Power source | Re-chargeable internal battery. Can be connected to the cigar lighter of the vehicle |
| Connections | Radio connections for communication with the TempStick Radio or the Intelligent Sensor + Radio Node ; serial for logo changing |
| N. of sensors | Receives up to 32 sensors |
| Radio type | 433.92 MHz (external antenna available) |
| Radio transmission range | 250 meters in open space; in closed environment depends on many variables and obstacles |
| Accessories | Battery charger included, available also for the cigar lighter |
| Power | 14 ÷ 18 vcc. - 3.5 A Max |
| Language | English |



| TempStick Radio | |
|--------------------------|---|
| Size | 6,5 X 5 X 4,5 cm |
| Unit Temperature Range | -20 °C ÷ +60 °C |
| Sensor Temperature Range | -40 °C ÷ +90 °C |
| Resolution | 0,03 °C |
| Accuracy | ±0,25 °C with calibration certificate ±1 °C without calibration certificate |
| Transmission interval | From 1 reading every 3 seconds to 1 reading every 255 minutes |
| Battery (Radio) | Factory replaceable |
| Autonomy | More than 500.000 acquisitions/transmissions - more than 10 years with standard use (24 acquisitions per day) |



| Intelligent Sensor + Radio Node | |
|---------------------------------|---|
| Size (Radio Node) | 6,5 X 5 X 4,5 cm |
| Radio Node Temperature Range | -20 °C ÷ +60 °C |
| Sensor Temperature Range | -40 °C ÷ +90 °C |
| Resolution | 0,03 °C |
| Accuracy | ±0,25 °C with calibration certificate ±1 °C without calibration certificate |
| Transmission interval | From 1 reading every 3 seconds to 1 reading every 255 minutes |
| Battery (Radio Node) | Factory replaceable |
| Autonomy | More than 500.000 acquisitions/transmissions - more than 10 years with standard use (24 acquisitions per day) |



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