



SPR900-05 Wireless home weather station

APPLICATIONS

- Home.
- Villa.
- Country house.
- Courtyard.
- Garden.
- Private meteorological application.

KEY FEATURES

- Metallic and plastic construction.
- No mobile parts.
- Resistant to corrosion.
- No maintenance.
- Good data transmission.
- High precision.
- Different combination of sensors.
- Solar energy supply.
- Compatible with Smartyplanet.



The *SPR900-05* wireless weather station is the ideal solution designed to control weather parameters.

It is composed of a sensor to take measurements inside a building and another for measurements from outside.

The inside sensor measures temperature and humidity while the one that is outside measures temperature, humidity and solar radiation.

The data collected by the weather station are registered and analyzed by the **Smartyplanet web platform** because it is fully compatible.

This wireless weather station is the perfect solution to install in a house. The wear and maintenance it requires are minimal.



General features

Supply	5 VDC adapter
Supply indoor sensor	2 AAA alkaline batteries
Supply outdoor sensor	3 AA rechargeable batteries
Transmission distance	100 m
Communication frequency	433 MHz / 868 MHz / 915 MHz
Measuring interval outdoor sensor	16 s
Measuring interval indoor sensor	64 s
Alarm duration	120 s
Material	Aluminum, stainless steel, plastic



Sensors

	Outdoor Temperature	Humidity	Rain	Wind Speed	Illumination	Air Pressure	Indoor Temperature
Range	-30 to +65°C	0%-99%HR	0-9999mm	0m/s - 50m/s	0-400k Lux	300-1100 hPa	-10 to +60°C
Accuracy	±1°C	±5% HR	±10%	±1 m/s	±15%	±3 hPa	±1°C
Resolution	0,1°	1% HR	0,3mm(<1000mm) 1mm(>1000mm)	0,1 m/s	1 Lux	0,1 hPa	0,1°



Plug and play Installation

The design of this Station allows his installation under the concept 'to plug and play'. He places of simple form on posts, walls or poles, and his entail with the web of visualization is immediate and automatic.



Without complicated infrastructures

With the different models of station it will be able to create networks of sensors adapted to the needs of his sector, without need of complicated infrastructures not costly.



Better relation Cost - benefit

The new concept of station of sensors allows to have the best technology to monitor and to control his resources to a cost very lower than other existing alternatives on the market.



Visualization in web page

The control of the sensors is realized by means of a web application personalized with multiple functionalities as alarms, historical, multiple users, etc.. Accessible from any device connected to Internet.



Sensors Networks

The number of Stations to linking to his network is unlimited, being able to incorporate different models and configurations to form extensive networks that connect the information of his resources to Internet, to give response to the Smart cities of the future



Multiple sensors

There are multiple the precision sensors that can join. The model of Station selects depending on the type and I number of sensors that he needs.