Waspmote Plug & Sense!

Smart Agriculture PRO

The Smart Agriculture models allow to monitor multiple environmental parameters involving a wide range of applications. It has been provided with sensors for air and soil temperature and humidity, solar visible radiation, wind speed and direction, rainfall, atmospheric pressure, etc.

The main applications for this Waspmote Plug & Sense! model are precision agriculture, irrigation systems, greenhouses, weather stations, etc. Refer to Libelium website for more information.

Figure: Smart Agriculture PRO Plug & Sense! model

Sensor sockets are configured as shown in the table below:

Sensor socket	Parameter	Reference
A	Weather Station WS-3000 (anemometer + wind vane + pluviometer)	9256-P
B	Soil Moisture 1	9248-P 9324-P 9323-P
B	Solar Radiation SQ-100x Sensor (PAR)	9530-P

B	Ultraviolet Radiation	9257-P
C	Soil Moisture 3	9248-P 9324-P 9323-P
C	Dendrometers	9252-P 9253-P 9254-P
D (digital bus)	Soil Temperature (Pt-1000)	9255-P
D (digital bus)	Temperature + Humidity + Pressure	9370-P
D (digital bus)	Luminosity (Luxes accuracy)	9325-P
D (digital bus)	Ultrasound (distance measurement)	9246-P
E	Leaf Wetness	9249-P
E	Soil Moisture 2	9248-P 9324-P 9323-P
F (digital bus)	Temperature + Humidity + Pressure	9370-P
F (digital bus)	Luminosity (Luxes accuracy)	9325-P
F (digital bus)	Ultrasound (distance measurement)	9246-P

ⓘ For more technical information about each sensor probe, go to the Sensors section on this guide:

Sensors ›

Last updated 3 years ago