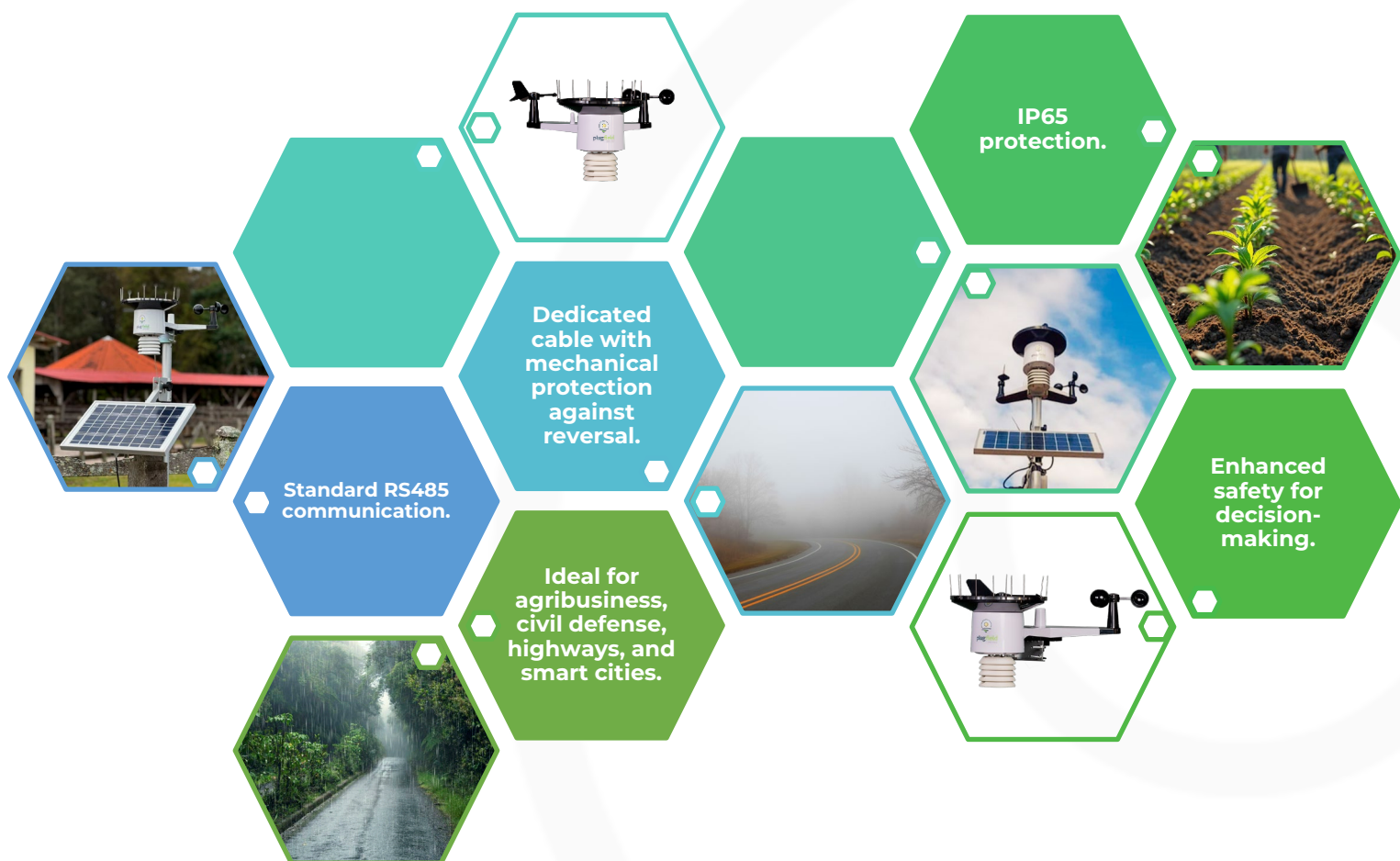


Plugsensor

Conjunto Básico



Plugsensor

Conjunto Básico

The **Plugsensor Conjunto Básico** is a climate measurement device equipped with integrated sensors to monitor variables such as temperature, humidity, precipitation, light intensity, UV index, gusts, wind direction, and wind speed. To operate, it must be connected to the Plugstation WS22, responsible for data processing and power supply, which can be provided via cable or solar panel. This equipment is ideal for applications in environmental monitoring with high precision and efficiency.



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Standard Sensors

Parameter	Minimum	Maximum	Resolution	Accuracy
Temperature	-40 °C	125 °C	0,1 °C	± 0,1 °C
Humidity	0%	100%	1%	± 1,5%
Precipitation	0 mm		0,1 mm	± 5%
Wind Gust	0 km/h	180 km/h	1 km/h	± 10%
Wind Speed	0 km/h	180 km/h	0,36 km/h	± 10%
Wind Direction	0°	360°	1°	± 15°
Light Intensity	0 LUX	300.000 LUX	0,1 LUX	± 15%
UV Index*	0	15	1	± 1
Atmospheric Pressure	300 hPa	1.100 hPa	0,1 hPa	± 1 hPa

*UV Index: indicates a range from 1 (low) to 15 (extreme).

Calculated Sensors

Parameter	Minimum	Maximum	Resolution
Evapotranspiration*	0 mm		0,1 mm
Thermal Sensation	-30 °C	60 °C	0,1 °C
Dew Point	-20 °C	40 °C	0,1 °C
Delta T	0 °C		0,1 °C

*Calculated using the Penman-Monteith method

Sensor available only for integration with the Plugstation starting from model WS22.

