

Air Humidity & temperature sensor



Datasheet

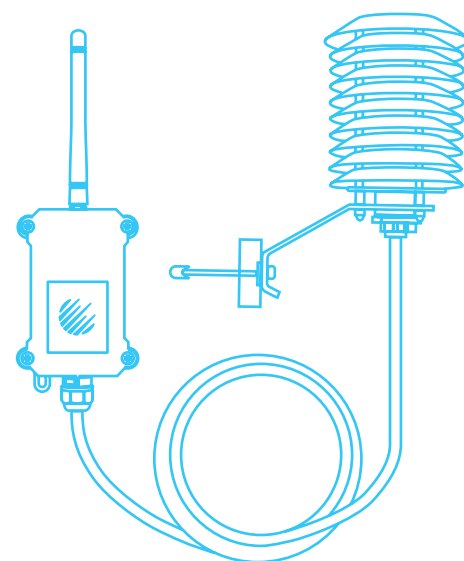
Monitor the temperature and humidity of the air in your plot to optimise irrigation and treatments.

PRECISION MEASUREMENTS

Get reliable and precise measurements thanks to our ventilated unit.

FLEXIBLE MEASURES

Choose the uplink interval that suits your needs.



Air sensor

Measure : Temperature

Unit	°C	Resolution	0.01°C
Range	-40 to 80°C	Accuracy	±0.2°C

Mesure : relative humidity

Unit	%	Resolution	0.01 %
Range	0 à 99.9 %	Accuracy	±2 %

Wireless transmission

Technology	LoRaWAN v1.0.3 Class A	Radio frequency	EU868 MHZ
Transmission power	25 mW (14 dBm)	Sensitivity	Up to -148 dBm
Uplink frequency	Configurable from 1 minute		

Power supply

Voltage	2.1V ~ 3.6V	Battery technology	Li / SOCl2
Capacity	8500 mAh	Power consumption	12 µA with an uplink interval of 10 minutes
Battery lifetime	Up to 10 years with an uplink interval of 10 minutes		