



Sensor specifications

Leaf temperature sensor

Measures punctual object surface temperature[°C] using an infrared thermometer. The sensor should be pointed to the object to be measured.



Specifications

Operating conditions	Temperature	-10 to 55°C
	Relative humidity	up to 85% (non condensing)
Structural	Dimensions (d × L)	2 x 24 mm
	Mounting options	Provided with clamp to mount on the 30MHz Connect bracket or a metal rod.

Measurement specifications

Surface temperature	Range	-70 to 380 °C
	Accuracy	±0.5 °C (from 0 to 50 °C)
	Resolution	0.02 °C
	Field of view	10°

30MHz Connect

Every 30MHz sensor is powered by the Connect. It acts like the middleman between the sensor and the platform. This casing protects the electronics from greenhouse environment like moisture, dirt, and changing climate conditions.

The connect comes with a universal mounting bracket.



Specifications

Operating conditions	-10 to 55 °C (10 to 45°C while charging)
Dimensions (L x W x H)	Case: 183 x 113 x 107 mm
	Mounting bracket: 165 x 210 x 205 mm
Range	Indoors from 200 to 400 m (depending on Greenhouse layout)
Power source	Rechargeable battery (duration dependent on the sensor connected)
Protection	Water and dust according to IP67

