



Sensor specifications

Net radiation sensor

NR Lite2 is designed for routine measurement of net radiation which is the balance between incoming radiation from the sun and sky and outgoing radiation from the ground.



Specifications

Operating conditions	Temperature	-40 to 70 °C
	Relative Humidity	0 to 100% (non condensing)
Structural	Dimensions (L x W x H)	880 x 80 x 73 mm
	Weight	500g
	Mounting options	Available specific mounting steel bracket

Measurement specifications

Net radiation	Range	0.2 to 100 μm
	Accuracy	10 $\mu\text{V}/\text{W}/\text{m}^2$
	Resolution	0.24 μV

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

