

Wireless Plant temperature sensor



The Wireless Value Crtt uses infrared to measure the plant temperature. Its unique design makes the Crtt splashproof (IP65), so the sensor element cannot be damaged by moisture and the sensor can be easily directed at the desired plant part. This can be the stem, leaf or fruit. Measurement results are transmitted wirelessly to the base station where the data can be used for monitoring and analysis.

Features

- Accurate wireless temperature measurement
- Battery life + 5 years
- Compatible with all Wireless Value base stations
- Transmission range 1,000 metres (unobstructed line of sight)

Applications

- Monitoring plant temperature

Specifications

- Memory to store 10,000 measurements
- Adjustable measurement interval
- Attractive ABS enclosure
- Suitable for wall mounting
- Existing system can be easily expanded with additional sensors
- Battery replaceable by user

The connected base station sends the sensor values to:

- Wirelessvalue.online (LAN or mobile provider)
- Wirelessvalue.online (for direct connection to climate computer)

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Technical specifications

Model	wireless module with built-in sensor
Type	infrared temperature
Sensor type	infrared thermocouple
Measurement range	
Temperature	0°C to 50°C (see operating limits)
Angle of measurement	60°
Measurement area	8 mm minimum
Accuracy	± 0.1% ± 0.5°C
Measurement resolution	
Temperature	0.1
Measurement interval (M)	adjustable between 1 second and 255 minutes, standard 2 minutes
Operating limits	-20°C to +80°C
Power supply	1 AA 3.6 V lithium battery
Battery life	at least 5 years at a measurement interval of 2 minutes
Memory	10,000 measurements
Order code South America (Peru)	WSW-Crtt
Frequency plan	US902-928
Frequency	916,500 MHz
Legislation	RED, CE
Range	1,000 m with unobstructed line of sight
Enclosure	IP65
Colour	matte black
Dimensions	105 (l) x 70 (w) x 32 (h) mm
Weight	87 g (excluding battery)
Configuration	SensorGraph or Wirelessvalue.online

