

# 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

<b>Model</b>	wireless module with built-in sensor
<b>Type</b>	infrared temperature
<b>Sensor type</b>	infrared thermocouple
<b>Measurement range</b>	
<b>Temperature</b>	0°C to 50°C (see operating limits)
<b>Angle of measurement</b>	60°
<b>Measurement area</b>	8 mm minimum
<b>Accuracy</b>	± 0.1% ± 0.5°C
<b>Measurement resolution</b>	
<b>Temperature</b>	0.1
<b>Measurement interval (M)</b>	adjustable between 1 second and 255 minutes, standard 2 minutes
<b>Operating limits</b>	-20°C to +80°C
<b>Power supply</b>	1 AA 3.6 V lithium battery
<b>Battery life</b>	at least 5 years at a measurement interval of 2 minutes
<b>Memory</b>	10,000 measurements
<b>Order code Thailand</b>	WSA52-Crtt
<b>Frequency plan</b>	AS923-925 ("A52")
<b>Frequency</b>	924 MHz
<b>Legislation</b>	RED, CE
<b>Range</b>	1,000 m with unobstructed line of sight
<b>Enclosure</b>	IP65
<b>Colour</b>	matte black
<b>Dimensions</b>	105 (l) x 70 (w) x 32 (h) mm
<b>Weight</b>	87 g (excluding battery)
<b>Configuration</b>	SensorGraph or Wirelessvalue.online

