



# Wireless climate sensor

The Wireless Value DLTc measures temperature and relative humidity of the environment. Its unique design makes the DLTc splashproof (IP65), so the sensor element cannot be damaged by moisture. 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

- Temperature monitoring
- Climate monitoring

## 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)

<b>Model</b>	wireless module with built-in sensors
<b>Type</b>	temperature, humidity
<b>Sensor type</b>	integrated, digital
<b>Measurement range</b>	
<b>Temperature</b>	-20°C to +80°C (see operating limits)
<b>Humidity</b>	0% - 100%
<b>Measurement accuracy</b>	
<b>Temperature</b>	± 0.1°C from 0°C to 60°C, otherwise ± 0.2°C
<b>Humidity</b>	± 1.5% RH from 0 to 80% RH; otherwise ± 2% RH
<b>Measurement resolution</b>	
<b>Temperature</b>	0.1
<b>Humidity</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 2-minute measurement interval
<b>Memory</b>	10,000 measurements
<b>Order code Thailand</b>	WSA52-DLTc
<b>Frequency plan</b>	AS923-925 ("AS2")
<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>	67 g (excluding battery)
<b>Configuration</b>	SensorGraph or Wirelessvalue.online
<b>Ordering options</b>	
<b>Enclosure options</b>	No
<b>External antenna</b>	No
<b>Overpressure protection</b>	No
<b>External power supply</b>	No

