



Wireless module for crop measurement

The Wireless Value LC10 measures the crop using a load cell that can measure 10 kg. The LC10 is the ideal module for wireless weight measurement with high accuracy. The sensor hangs between the steel wire and the crop hook and in this way measures the rising crop (primarily fruits and vegetables). The LC10 transmits the measured data in grams, which makes it easy to use.

Features

- Accurate wireless detection
- Compatible with all Wireless Value base stations
- Range 1,000 metres (unobstructed line of sight)

Applications

- Horticulture

Specifications

- Memory to store 10,000 measurements
- Adjustable measurement interval
- Attractive ABS enclosure
- Suitable for covered fruit and vegetable crops
- Existing system can be easily expanded with additional sensors
- Unique network ID

The connected base station sends the sensor values to:

- Wirelessvalue.online
- Wirelessvalue.online (with direct connection to climate computer)

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Technical specifications

Model	wireless module
Type	10 kg load cell
Sensor type	external
Measurement range	
Range	from 0 – 10 kg
Measurement accuracy	
Accuracy	±0.002 kg (load cell excluded)
Resolution	grams
Input impedance	100K Ohm
Reference output voltage	2.5 V (max. 15 mA)
Max. strain gauge resistance	1K
Overload protection	30 V
Measurement interval (M)	adjustable between 1 second and 255 minutes, standard 2 minutes
Operating limits	-20°C to +80°C
Power supply	battery
Memory	10,000 measurements
Order code South America (Peru)	WSW-DLXlc-10kg
Frequency plan	US902-928
Frequency	916,500 MHz
Legislation	RED, CE
Range	1,000 m with unobstructed line of sight
Enclosure	IP30
Colour	Grey RAL 7035
Dimensions	10 (w) x 10 (l) x 58 (h) mm, excl. suspension hooks
Weight	365 g (excluding battery)
Configuration	SensorGraph or Wirelessvalue.online