# Wireless sensor for crop measurement

BM10-afinb

- Accurate wireless detection
- Battery life of over 1 year
- Compatible with all Wireless Value Base Stations
- Transmission range 1,000 metres (clear line of sight)

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## Description

### BM10

The Wireless Value LC10 measures the crop using a load cell with a capacity of 10 kg. The LC10 is the ideal module for measuring weight wirelessly with high accuracy. The sensor hangs between the steel wire and the crop hook, measuring the developing crop in this way (primarily fruiting vegetables). The LC10 transmits the measurement data in grams, making it easy to use.

- Memory to store 10,000 measurements
- Adjustable measurement interval
- Attractive ABS casing
- Suitable for covered fruit and vegetable crops
- Existing system can easily be expanded with additional sensors
- Battery replaceable by user
- Unique network ID to avoid interference with other wireless systems

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## Specifications

### General

| | |
|---|---|
| Battery type | AA |
| Casing | IP30 |
| Colour | Grey RAL 7035 |
| Battery life | Over 1 year |

### Measurement range

| | |
|---|---|
| Weight | 0 to 10 kg |
| Operating limits | -20 °C to +80 °C |
| Signal range | 1,600 metres in clear line of sight |

### Measurement resolution

| | |
|---|---|
| Weight | 1 gram |

### Legislation and standards

| | |
|---|---|
| RED (Radio Equipment Directive) | Yes |
| CE | Yes |
| EN 300 220 | Yes |

### Technical specifications

| | |
|---|---|
| Battery voltage | 3.6V |
| IP rating | IP30 |
| Memory | 10,000 measurements |

### Dimensions

| | |
|---|---|
| Dimensions | 10 (l) x 10 (w) x 58 (h) mm |
| Weight | 365 g (excluding battery) |



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