

## DATASHEET

## RF-DD1012-K4

wireless dual technology motion sensor

## MAIN FEATURES

- wireless dual technology motion sensor
- 12m LoNa



## TECHNICAL SPECIFICATIONS

## Power supply

|                     |                                    |
|---------------------|------------------------------------|
| Current consumption | 58 $\mu$ A (average), 50 mA (max.) |
| Battery lifetime    | 3 years                            |

## Inputs / outputs

|                               |              |
|-------------------------------|--------------|
| Max. microwave output (at 1m) | < -1.3 dBm   |
| Wired-wireless                | Wireless     |
| Wireless frequency            | 433 MHz LoNa |

## Physical characteristics

|                     |                                 |
|---------------------|---------------------------------|
| Physical dimensions | 130 x 69 x 53 mm                |
| Net weight          | 176 g (including two batteries) |
| Colour              | White                           |
| Mounting height     | 1.8 to 3 m, EN 2.3 to 2.6 m     |

## Environmental characteristics

|                       |                     |
|-----------------------|---------------------|
| Operating temperature | -10°C to +55° C     |
| Relative humidity     | 95% max. condensing |
| Environment           | Indoor              |
| IP rating             | IP30IK02            |

## Other characteristics

|                  |            |
|------------------|------------|
| Technology       | Dual       |
| Application type | Wall mount |

## RF-DD1012-K4

### TECHNICAL SPECIFICATIONS

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|                            |                              |
|----------------------------|------------------------------|
| Anti masking               | No                           |
| Pet immune                 | No                           |
| Camera                     | No                           |
| Pry-off tamper kit         | On board                     |
| Detector start-up time     | 1 minute                     |
| Max. detection range       | 12 m                         |
| Detection range selection  | 4, 6, 9 and 12 m             |
| No. of curtains            | 9                            |
| Coverage (field of view)   | 86°                          |
| Microwave frequency (nom.) | 5.8 GHz                      |
| Undercrawl protection      | Yes                          |
| Target speed range         | 0.3 m/s to 3 m/s             |
| Open-air range             | 300 m                        |
| Batteries                  | 2 x 3.0 V (1300 mAh lithium) |
| Compliance                 | CE                           |
| Certification              | EN50131 Grade 2, INCERT      |