# RF-9011-07-1

## Trådløs repeater 433 MHz LONA

### General

The wireless repeater receives and retransmits signals from 433MHz Learn Mode sensors to increase the distance a wireless sensor can be mounted away from the control panel or wireless receiver and is therefore ideal for installations where wireless sensors are either beyond panel reception or cannot pass the sensor test.

In smart mode, up to 4 repeaters can be cascaded to further increase the wireless coverage of the wireless security system. Up to 16 repeaters can be used in one system.

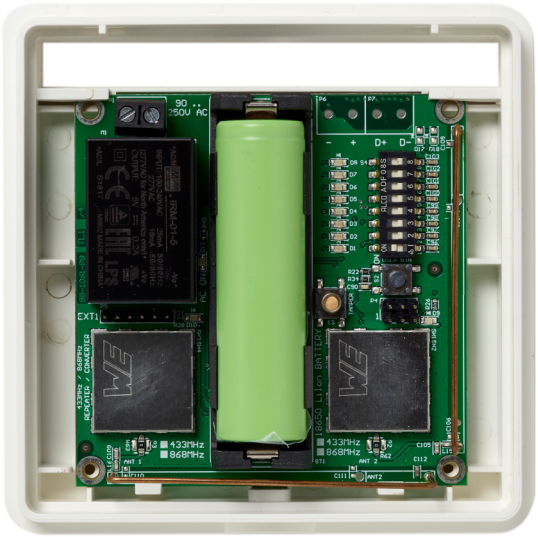
### Installation

The wireless repeater has a tamper protection for opening the enclosure as well as for removing the unit from the wall. Its compact design and the fact there are no visible antenna's makes it suitable to be installed in any interior.

The repeater is powered from the mains and includes a rechargeable lithium-ion backup battery.

### Diagnostics

On the wireless repeater, a number of color LEDs indicate the radio strength signal (RSSI) allowing identifying the best location inside the premise where to install the wireless sensors. Other than the RSSI value, the LEDs can also visualize the noise floor level and the battery level of the backup battery which is included.



### Detaljer

- 433 MHz 63bit or 433 MHz LoNa support selectable
- Compact size and modern design
- No external antennas
- Visualization of sensor RSSI, Noise Floor Level, Battery level
- Cover and pry-off tamper
- -8dB test function
- Lithium-ion rechargeable backup battery included
- Reports AC failure, low battery, tamper, RF supervisory, RF jamming
- EN50131 Grade 2, INCERT Grade 2

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## Tekniske specifikationer

### General

| | |
|---|---|
| Expander type | Datenbusisolator / Repeater |

### Wireless

| | |
|---|---|
| Operating frequency | 433 MHz |

### Backup

| | |
|---|---|
| Battery type | 3.6 V, 3200 mAh lithium, Li-ion Battery (included)<br>Samsung INR18650-35E, Panasonic NCR18650B |

### Electrical

| | |
|---|---|
| Operating voltage | 100 ~ 230Vac |
| Current consumption | min 11 mA<br>max 24.2 mA |

### Physical

| | |
|---|---|
| Physical dimensions | 102 x 102 x 33 mm |
| Net weight | 220 g |
| Colour | Weiß |
| Material | ABS Plastik |

### Environmental

| | |
|---|---|
| Operating temperature | 0 to +40°C |
| Relative humidity | 80% non-condensing |
| Environment | Drinnen |

### Regulatory

| | |
|---|---|
| Certification | EN50131 Grad 2, INCERT |

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Last updated on 12 November 2026 - 18:57