



GO WIRELESS READY STEADY GO

IRCW is a high quality ceiling mounted motion detector within the Regin Go Wireless concept. The detector maintains a stable and highly sensitive level of detection regardless of changes in the environment. It has a communication range of up to 300 meters in open space.

IRCW

Wireless IR detector for ceiling mounting

- ✓ 360° detection
- ✓ Covers an area up to 8 meters in diameter
- ✓ Discreet housing
- ✓ Easy to install

Function

IRCW detects motion within an area and sends signals to a receiver to activate for example ventilation or heating. It is designed to work with a Regin wireless receiver with Modbus communication. The detection is stable and highly sensitive regardless of changes in the environment since it is controlled using advanced Adaptive Digital Signal Processing (ADSP) algorithms.

The detector has a 360° detection range, and when mounted on a ceiling the detection area diameter can be up to 8 meters.

The detector will send a signal to the receiver every 30-50 minutes to self test in normal operation mode.

Appearance

The detector comes in a discreet housing and has a tamper-proof design.

There is a clearly visible LED indicator that indicates movement detection, connection status and low battery.

Installation

The detector is designed for ceiling mounting and is easy to install with a twist-on cover.

For a detection range of 8 meters in diameter, the detector should be mounted at a height of 4 meters.

At a mounting height at 2.7 meters, the detection range is 6 meters.

The detector uses one CR123A 3 V Lithium battery.

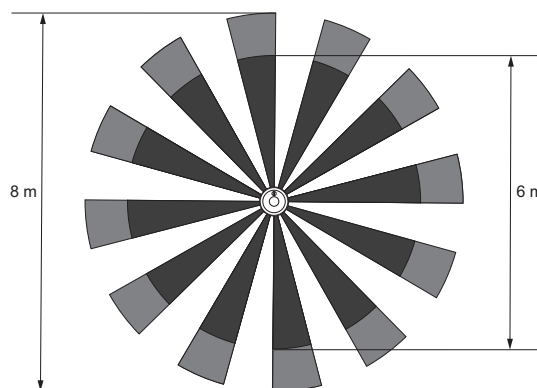


Fig. 1: Detection area

Technical data

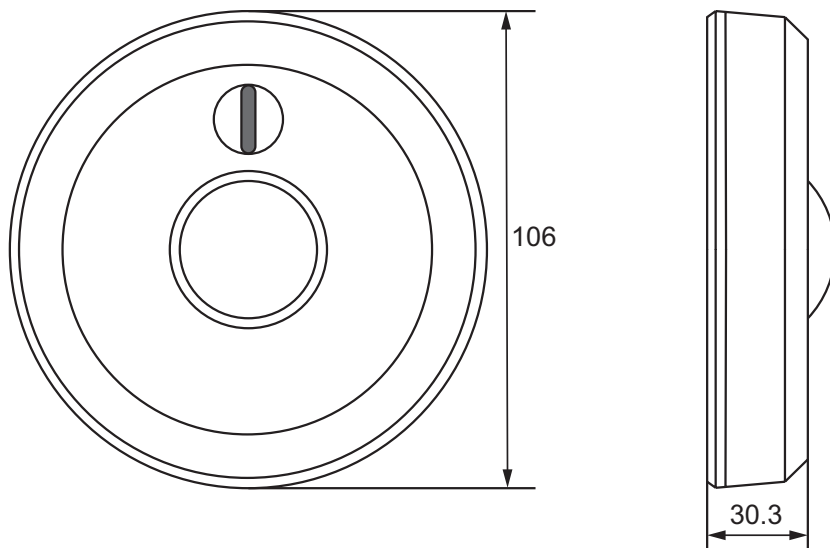
Battery	CR123A 3V lithium battery x 1
Battery life	6 years*
Frequency	868 MHz
Radio frequency range	Over 300 meters in unobstructed space
Operating temperature	-10°...+45°C
Operating humidity	Max. 85 % non-condensing
Protection class	IP20
Dimensions	Ø 106 mm x 30.3 mm
Mounting height	2.7 ...4 m
Detection range	Ø 6...8 m

* Battery life is calculated at an average of 20 activations per day

CE

This product carries the CE mark. For more information, see www.regincontrols.com.

Dimensions



Measurements in mm.

Product documentation

The product documentation can be downloaded from www.regincontrols.com.