



GO WIRELESS

READY STEADY GO

IRW

Wireless motion detector

IRW is a high quality IR motion detector in 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.

- ✓ Long battery life
- ✓ Fast signal transmission
- ✓ For surface or corner mounting
- ✓ Stable and sensitive detection with a wide detection range
- ✓ Easy to install

Function

IRW 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 detector delivers high speed signal transmission and is designed to effectively reduce signal collisions.

It has superior white light, noise and radio interference rejection.

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 works as a two-way radio signal transmitter and will send signals to the receiver until it gets acknowledgement that the signal is received.

There are randomized supervision signals for system integrity checks and troubleshooting.

Appearance

The detector comes in a white housing and has a tamper-proof design. It is insect- and dirt-proof.

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

Installation

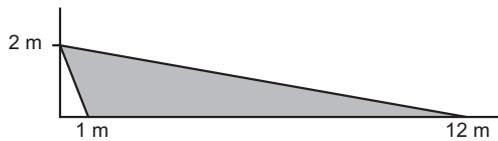
The detector can be mounted in a corner or on a flat surface. It is easy to install and move which makes it very flexible.

It comes with a pre-installed Lithium battery for easy startup.

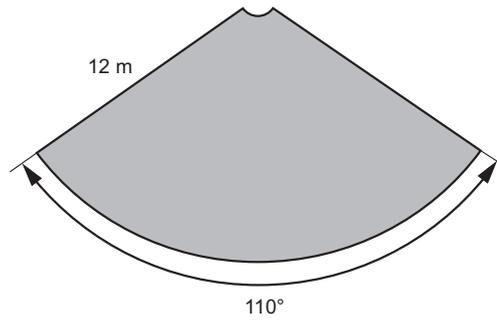
For optimal detection range, the detector should be mounted at a height of 2 meters above the ground.

Detection area

Side view



Top view



Technical data

Battery	LI CR123A 3V 1500mAh x1 (pre-installed)
Battery life	6 years *
Detection range	12 m over 110° angle (2 m mounting height)
Communication range	Up to 300 m (open space)
Frequency	868 MHz
Operating temperature	-10...+50°C
Operating humidity	Max. 85 % RH (non-condensing)
Protection class	IP20
Dimensions	94 mm x 64 mm x 42 mm

* 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



Product documentation

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