



# XIGNAL

Xignal is a brand of Dimo Systems · The Netherlands

## Specifications Motion sensor



### Detect

The Xignal motion sensor can detect movement in any area.

Placable on a ceiling, in a cabletray, in a bait box, etc.



### Send

Through LoRa technology, the sensors communicate via your private or public network. LoRa can cover up to 150,000 ft<sup>2</sup>. From sensors to online portal, Xignal is your easy to use solution.



### Report

By a push notification on your phone, tablet, laptop or PC you receive reports about the activities of pests. This way you can take immediate action when you have caught something. Ideal for the pest controller, the quality manager and the auditor.

Download the Xignal app or go to:  
[my.xignal.com](https://my.xignal.com)





# Motion sensor product specifications

## GENERAL SYSTEM PARAMETERS

OPERATIONAL TEMPERATURE  
SIZE  
BATTERY (UP TO 10 YEAR LIFE)  
INGRESS PROTECTION  
WEIGHT

## LORA PARAMETERS

RF POWER  
RF SENSITIVITY  
LORA FREQUENCY BAND  
ANTENNA  
LORA DEVICE CLASS

## REGELGEVING NALEVVING

SAFETY  
REGULATORY

## XIGNAL MOTION SENSOR

0°C to 60°C (10°C to 40°C optimal battery life)  
42 x 42 x 14 mm  
CR2477 (replaceable)  
IP30  
20 g

14 dBm  
Up to -137dBm (SF12, 125kHz)  
EU 868 Mhz / US 915 Mhz  
Internal  
Class A

IEC 60950-1 (CE)  
ETSI EN 300 220  
ETSI EN 301-489-1/-3  
FCC 15.247 FCC 15.209  
RSS-247 RSS-GEN

## Functional specifications

- Motion Detection (PIR)
- Temperature Measurement
- Supports battery status for easy maintenance
- Long battery life
- Excellent RF performance
- Fully configurable over-the-air by the user
- Cost effective



Xignal is a brand of Dimo Systems  
Rondgang 10 • 5311 PB Gameren • The Netherlands

[www.dimosystems.com](http://www.dimosystems.com)