



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. Depending upon circumstances, LoRa has a range of 150 ft² to 150,000 ft². The Xignal end-to-end solution, from sensors to online portal, is easy to use.



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 now the Xignal app or go to
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

REGULATORY COMPLIANCE

SAFETY
REGULATORY

XIGNAL MOTION SENSOR

0°C to 60°C (10°C to 40°C optimal battery life)
42 x 42 x 14 mm
CR2450 (replaceable)
IP30
20 g

14 dBm
Up to -137dBm (SF12, 125kHz)
US915*
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

*NA915, EU868, AU915, KR920, AS923, IN865, RU864

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



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