

**Description**

Radio sensor (868MHz/two-direction) to detect the internal infrared movement (PIR), with animal immunity function and output adjustable up to 12 metres. Fitted with invisible lenses thanks to use of the materials of the lens itself for the design of the entire front. The TiAlarm software can program the number of impulses and the immunity to disturbances directly. Sensor 4281 can also be deactivated when the system is switched OFF (default setting) drastically reducing the current absorption and thus increasing the battery lifetime (battery included)

Certification: EN 50131 Index 2 Environmental Class II

**Related items**

4273 Swivel fixing hinge for sensors

**Technical data**

IR sensor	two sensitive areas (double components)
Power supply voltage	CR-123A – 3 V Lithium battery
Battery life	max. 4 years
Operating frequency	868 MHz
Radio range	400 mt in free field (the signal quality is influenced by various factors, check the measurement with the TiAlarm software)
Operating temperature	(- 10) – (+ 55) °C
Humidity	95 %
IP index	40

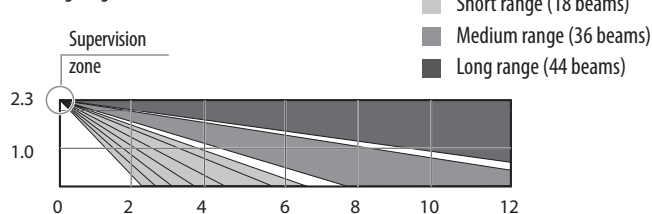
**Dimensional data**

Size: 113 x 60 x 45 mm (H x L x D)

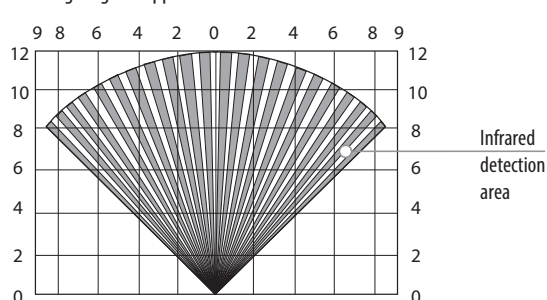
**Technical specifications**

**Coverage graphs detected with sensor mounted vertically**

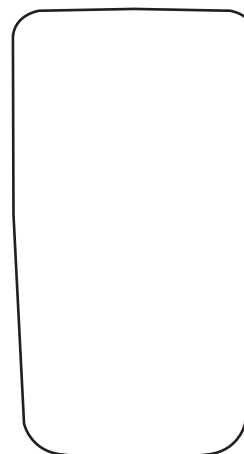
Covering diagram side view in metres



Covering diagram upper view in metres



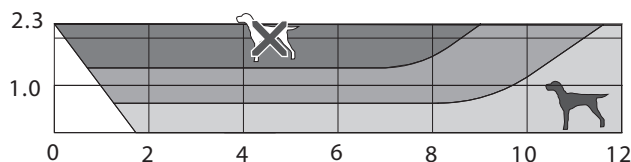
Front view



**Operation**

**Pet immunity**

The 4281 movement detector is designed to allow the presence of small domestic animals (up to 10 Kg) in the controlled room without an alarm being given. The diagram below shows the zones of greatest discrimination between human being and domestic animal. The sensor must be installed so that domestic animals only move in the spaces with lighter colouring.



**Note**

Note: the size datum is purely indicative because the animal's behaviour could also cause an alarm to be given. In any case we recommend that you check with an animal present that it does not activate the alarm.