

DEXATEK

Smart Motion Sensor Specification

1. Description

The Smart Motion Sensor is a Bluetooth Low Energy sensor to detect moving objects and motions. It can be used as either a surveillance equipment to monitor and protect your home or an intelligent home automation device by connecting other Σ Casa smart peripherals.

As a surveillance device, the notification will be sent to your smart phone if the sensor detect any motion when you are away from home. By linking up the sensor with Σ Casa Smart Link, the motion sensor can trigger the system then turn the light on or turn the ventilation on.

You can adjust the sensitivity of the motion sensor for different usage and location in the house. Thus, the sensor will be more suited to what you need in daily life.

The sensor provides the tamper protection. Any moving or relocation of the sensor will trigger the system to send notification to your smart phone, or you can program to set off an alarm once the tampering happens.

Along with battery power supply, the smart motion sensor is a truly wireless device which can be installed easily anywhere in your house.



2. Features

- Built-in PYRO Electric Infrared sensor for accurate motion detection
- Battery inside and battery life is up to one year
- Tamper protection – The Motion sensor will detect any change or moving of the sensor
- Adjustable sensitivity - Users can adjust sensitivity for different occasions
- Send Notification - User get's notified via notification when there is movement and when user exit/entering a region.
- Smart Link - Users can pre-program various linkage with other Σ Casa devices based on 2 major cases:
 - 1) IF motion is detected, THEN some specific events will be activated
 - 2) IF NO motion is detected for few minuets, THEN some specific events will be activated
- * SUB IF - Users can pre-program that some specific events will be activated when IF/IF NO motion is detected and one particular event happens simultaneously(TBD)
- Easy and quick installation, no wiring needed
- Free Android and iOS Apps supported



3. Specification

Item	Description
Bluetooth	Bluetooth 4.0 Smart (Low Energy Support)
TAMPER Detection	Optional
Power Supply	ER14250 1/2AA, 3.6VDC
Current Drain	Standby mode: 151μA
Battery Life	8 ~ 12 Months (depends on daily usage)
Detection Range and Angle	Based on 2 meters installation height, can reach 120° and 9 meters
Recommended installation height	2 ~ 2.4m
Transmission range	25m for mixed space, 100 m for open space
Recommended Operating temperature	-5 ~ 45°C
Operating humidity	10~ 90%RH
Dimension	72 x 64 x 24.5 mm
Weight	52g

4. LED Status

Color	Status
Yellow	Motion is detected
	BLE broadcast for pairing (1 Second flash interval)

5. System Required

- iOS - iOS 8.0 and above with Bluetooth Low Energy(Bluetooth 4.0)
- Android - Android 4.3 and above on Bluetooth 4.0 Smart Ready devices
- ΣCasa/SmartCasa App
- ΣCentral/Smart Gateway

6. Installation

- Before starting to use Dexatek Smart Motion Sensor, please make sure you have ΣCentral/Smart gateway and ΣCasa App installed. If you don't have ΣCasa App on your smart phone, please download from Google Play for



<https://itunes.apple.com/tw/app/casa-smarhome/id944794117?m>

You can use either the QR code or the click the link to download ΣCasa



<https://play.google.com/store/apps/details?id=com.SigmaCasa.SmartHome>

Android phone or Apple store for iPhone.

- Pair with Dexatek Smart Gateway
Please refer to [Smart Home Quick Installation Guide.pdf](#)

- Install on wall

The Motion Sensor can stand without holder, so you can put it on desk or shelf. If you want to mount it on the wall, please follow the installation steps.



(1) Mount the holder to Smart Motion Sensor



(2) Remove the top side of adhesive tape on the holder

(3) Stick the sensor to the wall where you want