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Grove - PIR Motion Sensor

SKU 101020020

★★★★★   5 Reviews

PIR Motion Sensor,PIR sensor,motion sensor,grove motion sensor,Passive Infrared,potentiometers,TM2291

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Tags: IoT   PIR   movement   Grove   linkit one   galileo   infrared   security   arduino   Sensor   raspberry pi

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Description   Documents   Learn   Reviews   FAQS

This is a simple to use PIR(Passive Infrared) motion sensor with Grove compatible interface. Simply connect it to Stem shield and program it, when anyone moves in its detecting range, the sensor outputs HIGH on its SIG pin.

The detecting range and response speed can be adjusted by 2 potentiometers soldered on its circuit board, The response speed is from 0.3s - 25s, and max 6 meters of detecting range.

Specification

- Grove compatible interface
- Voltage range: 3V–5V
- Size: 20mm x 40mm
- Detecting angle: 120 degree
- Detecting distance: max 6m (3m by default)
- Adjustable detecting distance and holding time

Application Ideas

- Motion sensor
- Thief-guarding System
- Switch
- Industrial automation

Documents

For all Grove users (especially beginners), we provide you guidance PDF documents. Please download and read through Preface - Getting Started and Introduction to Grove before your using of the product.

Note

Potentiometers are not included.

Technical details

Dimensions	40mm x20mm x15mm
Weight	G.W 12g
Battery	Exclude
Voltage range	3V–5V
Detecting angle	120 degree
Detecting distance	max 6m (3m by default)

Part List

Grove - PIR Motion Sensor	1

ECCN/HTS

ECCN	6A002.a.3.f
HSCODE	9031900090
USHSCODE	90230000
UPC	841454107535
ROHS	1

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