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INDUSTRIAL PRODUCT DATASHEET

Grove - PIR Motion Sensor-Low-cost&Easy-to -use motion detector-beginners friendly

The Grove - PIR Motion Sensor(Passive Infrared Sensor) is an easy-to-use motion sensor with Grove compatible interface.

SKU	UPDATED	PRICE
101020020	2026-11-11 07:35:46	$8.70(Excl. VAT)



Overview



The Grove - PIR Motion Sensor(Passive Infrared Sensor) is an easy-to-use motion sensor with Grove compatible interface. Simply connecting it to Base Shield and programming it, it can be used as a suitable motion detector for Arduino projects.

Key Features

01 **Easy to use**

Grove compatible interface and supports both Arduino and Raspberry Pi platforms

02 **Flexible detecting**

Detecting angles up to 120 degrees, and adjustable detecting distance and holding time

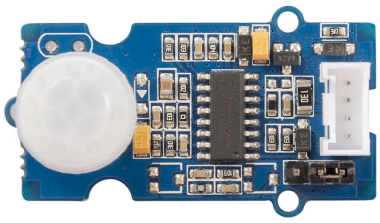
03 **Small-design**

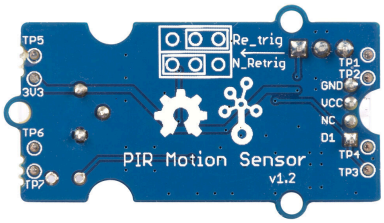
20mm x 40mm

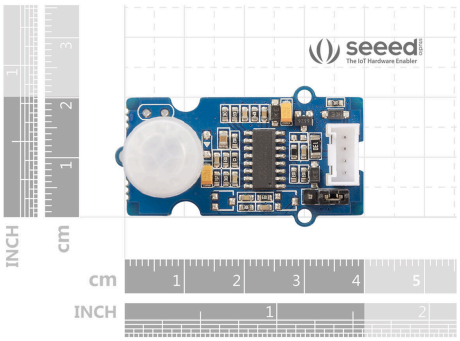
04 **Wide application**

it is commonly found in appliances and gadgets due to its low-cost, low-power,easy-to-use, and long-life cycle.

Product Gallery







Resource Links

- https://www.seeedstudio.com/Grove-PIR-Motion-Sensor.html
- Grove - PIR Motion Sensor Eagle File v1.2
- Grove - PIR Motion Sensor v1.2 Schematics
- Grove - PIR Motion Sensor Eagle V1.2 PCB
- Github repository for PIR Motion Sensor
- BISS0001 Datasheet
- Fresnel lens 8120 Datasheet
- CDC File

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