PIR Motion Sensor (AS312)

Description

PIR is a human body infrared unit. It belongs to the "passive pyroelectric infrared detector". It detects the infrared radiation emitted and reflected by the human body or object. When infrared is detected, the output level is high and it takes a while. Delay (high during the period and allow repeated triggers) until the trigger signal disappears (restores low).

This Unit communicates with the M5Core via the GROVE B.

Notice: This Unit has 2s delay time.

Product Features

- Detects the distance: 500cm
- latency time: 2s
- Sensing range: < 100°
- Quiescent current: < 60uA
- Operating temperature: -20 - 80 °C
- GROVE interface, support UIFlow and Arduino
- Two Lego installation holes

Include

- 1x PIR unit
- 1x GROVE Cable

Applications

- Human body Induction Lamp
- Security Product
- Automatic Induction Appliance Settings

Specification

Resources	Parameter
net weight	5g
Gross weight	20g
Product Size	32*24*12mm
Package Size	60*57*17mm