Hat PIR

SKU:U054

Description

Hat PIR is a human body infrared sensor compatible with M5SticKC. It is a "Passive Pyroelectric Infrared Detector" that works by detecting infrared radiation emitted or reflected by humans or objects. When infrared is detected, it outputs a high level signal and delays for a period of time (during which the high level is maintained and repeat triggers are allowed) until the trigger signal disappears (returns to low level).

Features

- Detection Distance: 500cm
- Delay Time: 2s
- Sensing Range: < 100°
- Static Current: < 60uA
- Operating Temperature: -20 - 80 °C

Includes

- 1 x Hat PIR
- 1 x Double-Sided Tape

Applications

- Human body sensing lamps
- Security products
- Automatic sensing appliance settings

Specifications

| Specification	Parameter
Product Size	24 x 25 x 20mm
Product Weight	5g
Package Size	136 x 92 x 21mm
Gross Weight	12g

Learn

> **Note:**
>
> There is a 2-second delay after detection is triggered.

Schematics

- Hat PIR Schematics PDF
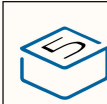
PinMap

StickC	G36	3.3V	GND
HAT PIR	OUT	3.3V	GND

Model Size
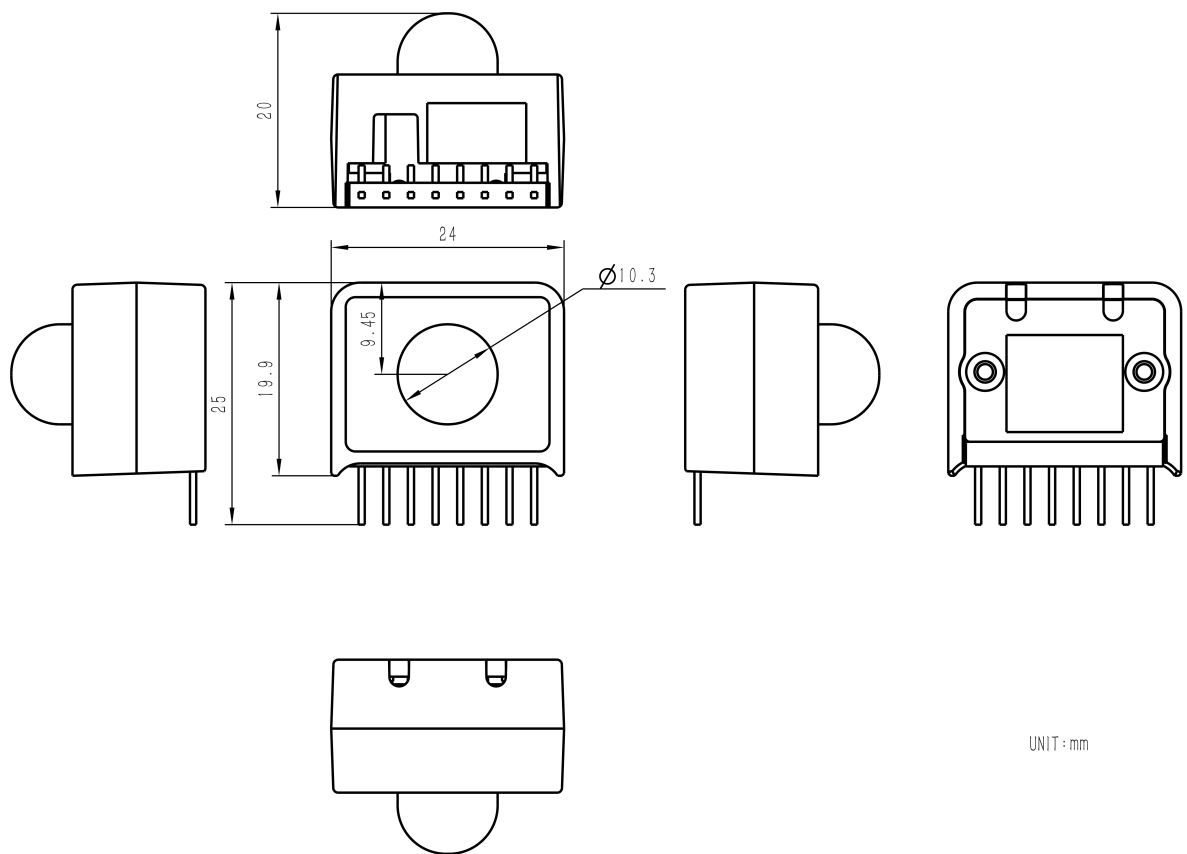
Softwares

Arduino

- Hat PIR Test Program

UiFlow1

- Hat PIR UiFlow1 Docs

EasyLoader

Easyloader	Download	Note
Hat PIR Easyloader	download	/

Video

PIR_HAT.mp4