



### Introduction

This motion sensor module is an electronic on/off switch. It employs a PIR (passive infrared detector) which detects a human motion and a photo Integrated circuit (RoHS compliant) that reacts with light, together allowing the switch to operate at very low light intensity. The switch is not activated at day light . It uses DC power source.

### Features

- Use Fresnel Lenses PIR
- Low power consumption
- Standby current :50uA
- Wide DC voltage application range :5~12v
- Small size PCB used :32\*24\*27 mm
- Range: approximately 5 m

### Applications

- Security products
- Human sensing toys
- Human sensing lightings
- Industrial automatic control

### Technical data

Description	Symbol	Value	Unit
Angle of observation		110	Degree
Triggering		repetitive	
Light level to trigger**		3 ~4	Lux
Operating voltage (DC)	Vdd	5 ~12	V
Standby current	I	50	uA
Max Power Source	P	350	mW
Operating current	Iout	10	mA

## Diagram

