

MOTION DETECTOR PIR SENSOR



The sensor on this module is a pyroelectric infrared sensor which detects movement in the detection area of the Fresnel lens and then outputs a "HIGH" signal at the sensor output pin "SIG" for 3 seconds. Afterwards the signal changes back to the "LOW" state. The soldered potentiometer is used for continuous range adjustment. With the help of this module and a microcontroller such as Raspberry Pi or Arduino, it can be used for safety systems or automation, among others.

MAIN FEATURES

Sensor	PIR Motion Sensor
Operating principle	Pyroelectric IR-rays
Special features	Reach infinitely adjustable
Dimensions	21 x 40 x 19 mm
Scope of delivery	SBC-PIR

SPECIFICATIONS

Supply voltage	3 V - 5 V
Detector chip on module	BIS0001
Angle of Detection	120 °
Detection range	max 6m (3m Standard)
Stepless detection range via potentiometer	Adjusting the sensitivity controller on the module board using a cross screwdriver
Compatible to	Raspberry Pi, Arduino, Raspberry Pi Pico, micro:bit

DETAILS

Item number	SBC-PIR
EAN	4250236820859
Customs tariff number	8473302000