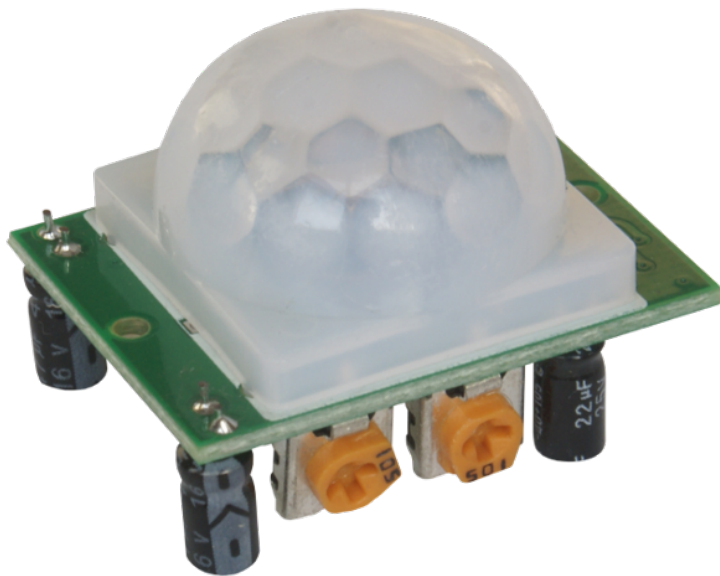


The motion sensor

PIR sensor type HC-SR501 allows for motion detection on the basis of infrared radiation. The detector detects the change of 2 separated IR windows and the amplifier converts the signal pulse with a high logic level.



The motion sensor PIR

PIR sensor type HC-SR501 allows for motion detection on the basis of infrared radiation. The detector detects the change of 2 separated IR windows and the amplifier converts the signal pulse with a high logic level. Such a signal can easily be used to drive a transistor or logic input processor. In the case of the use of Lan Controller detector output must be connected to a logic input INP1-4D. Note, however, that forced the detector Low Low

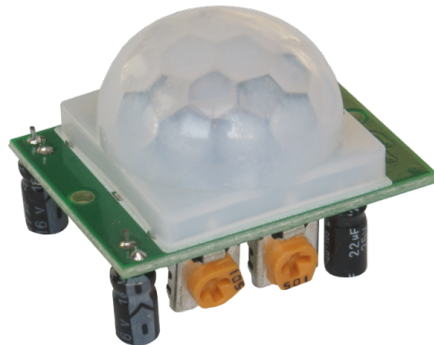
condition is a state of rest, and the high high points to the liberation PIR-a.

On the board there are 2 potentiometers described as **Sx i Tx**.

Tx-sets the high state after operation of the detector - for several time s potentiometer should be a paragraph. roughly 9 per hour.

Sx-sets the delay vigil after the final liberation - here changes very little adjustment in a short time frame.

The sensor operates in retriggerin, i.e. in the case of motion detection at the output is maintained at all times high.



Tech data:

Power supply	5-24V
current consumption:	ok 50uA
Working range:	up to 7m
Viewing angle:	360st x100st
Signalling:	High - motion detection, Low - lack of exercise
dimensions:	32x25x27mm

Tinycontrol.eu

Idea of this website is design and develop micorprocessor projects for remote sensors and remote controll in IP networks.
It's idea of Internet of Things.