

Pir Sensor Module (Micro)

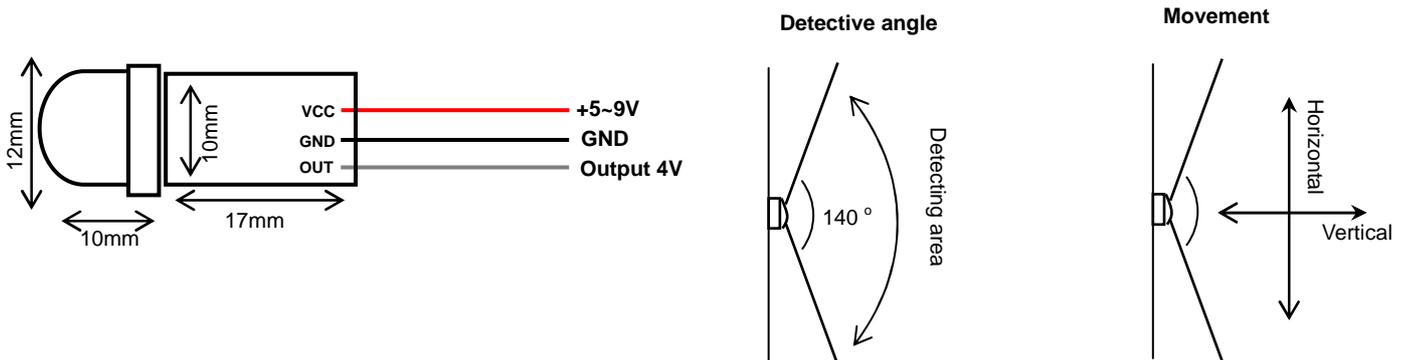
Feature:

- The module can accurately detect any moving objects (e.g. human body) within the detective range and will send out signals of high level for a certain time. It has higher sensitivity and broader detective range than others.
- Completely automatic induction: once a person enters into the detective range, the output is high level. While the person is out of the detective range, it will prolong automatically 1 seconds of retention time then the high level output will be shifted to the low level output.
- Broad working voltage, low power consumption.
- High level signal output, easy to be butt jointed with different types of circuits.
- The module is widely accepted and has been applied for movement detection, automatic control, proximity switch, electronic theft prevention, safety protection, remote control measurement.

Specification:

- Operating temperature range: $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$ ($-4^{\circ}\text{F} \sim 158^{\circ}\text{F}$)
- Working voltage: DC 5V~9V
- Static current: 3~5mA
- Output: 4V / 15mA
- Retention time of high level output: 20 seconds
- Detective range: 2~3m (Normal)
- Detective angle: $<140^{\circ}$
- Triggering method: repeated triggering
- Dimensions: 27mm \times 12mm \times 12mm
- Weight: 20g / 0.07oz

Notice: When the human body approaches the module from its side in a horizontal movement, the sensitivity will reach the highest level, while in a vertical movement, the lowest level.



Application Chart: 9V

