

PL-N823-01 PIR Sensor Breakout

Product Description

Description

Friends, Romans, countrymen, lend me your ears...

Ok, that was terrible, my apologies. But while you're here, you gotta check this out. Kemet Corporation's lensless passive infrared sensor is really cool! Most infrared sensors need a lens or a line of sight to detect infrared waves. But this small module is sensitive enough to be behind a material and pick up even body heat passing by the surface.

This module has a 60° viewing angle, low power consumption, and multiple material allowances make this module an awesome addition to your infrared needs. Some materials it can hide behind are glass, ABS, or even acrylic. Distances, under these materials, may vary from 10 to 20 cm. However, if you don't want it hidden then you can add a polyethylene lens for an 1 to 2 m distances.

Now, I'm probably biased to use this as a switch that I can hide and wave my hand across to open a door like a jedi, but there are lots of possibilities for uses. What will you make with it?

Features

- 60° viewing angle
- Low power consumption
- 10 to 20 cm detecting distances
- 1 to 2 m detecting distances with a polyethylene lens
- Qwiic connectors for ease of use

Datasheets

[PL-N823-01 General](#)

[PL-N823-01 Detailed](#) <pdf file needs to be pointed to on our servers, no web location available>