DESCRIPTION

PIR sensors are used to detect motion from pets/humanoids from about 20 feet away (possibly works on zombies, not guaranteed). This one has an adjustable delay before firing (approx 2-4 seconds), adjustable sensitivity **and** we include a 1 foot (30 cm) cable with a socket so you can easily reposition the sensor or mount it using the two drills on either side

Runs on 5V-16V power (if you need to run it off of 3V you can do that by bypassing the regulator, but that means doing a bit of soldering). Digital signal output is 3.3V high/low. Sensing range is about 7 meters (120 degree cone)

For a full tutorial with wiring diagrams, code examples and project ideas, PIR sensor tutorial page!

TECHNICAL DETAILS

Dimensions:

- Length: 24.03mm/0.94in
- Width: 32.34mm/1.27in
- Screw hole distance: 28mm
- Screw hole diameter: 2mm
- Height (with lens): 24.66mm/0.97in
- Weight: 5.87g/0.2oz

PIR sensors and the Raspberry Pi 3 sometimes don't get along - if you're having false trigger reports, make sure the PIR Sensor is far away from the Pi 3