

Raspberry pi Home Security System With Camera And PIR Sensor

Requirements

- 1 : Raspberry Pi
 - 2 : PIR Sensor
 - 3 : Pi Camera Module
 - 4 : Jumper Wires
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Information about installing OS in raspberry pi

Step 1 : Download the Required Software and Files.

Step 2 : Get the SD Card and the Card Reader.

Step 3 : Check the Drive in Which the SD Card Is Mounted.

Step 4 : Format the SD Card.

Step 5 : Write the OS on the SD Card.

Step 6 : Eject the SD Card.

step 7 : Put SD card in raspberry pi

For more Information [click here](#)

Information about PIR Sensor

A passive infrared sensor ([PIR sensor](#)) is an electronic sensor that measures infrared (IR) light radiating from objects in its field of view. They are most often used in PIR-based motion detectors. PIR sensors are commonly used in security alarms and automatic lighting applications. PIR sensors detect general movement, but do not give information on who or what moved. For that purpose, an active IR sensor is required.