**Working pir motion sensor**

**using esp8266**

Program:-

// Define pin connections  
#define PIR\_PIN D1 // Pin connected to the output of PIR sensor  
  
void setup() {  
  Serial.begin(9600);  
  pinMode(PIR\_PIN, INPUT);  
}  
  
void loop() {  
  // Read the state of the PIR sensor  
  int pirState = digitalRead(PIR\_PIN);  
   
  // If motion is detected (state is HIGH)  
  if (pirState == HIGH) {  
    Serial.println("Motion detected!");  
  } else {  
    Serial.println("No motion detected");  
  }  
  
  delay(500); // Adjust delay according to your requirement  
}