

# 樹莓派紅外線環境安全偵測

Infrared Sensor with Raspberry Pi

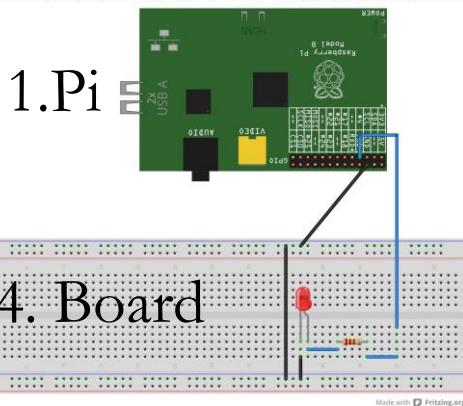
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105062336 洪崑竣

105063138 林啟陽

# Materials

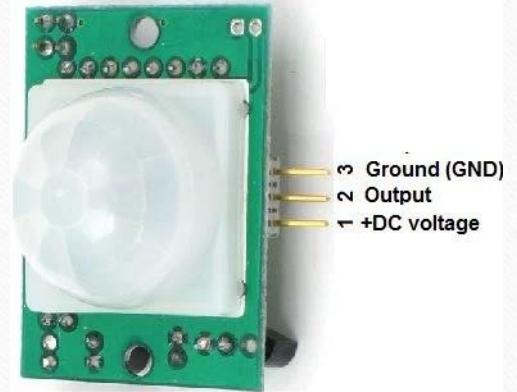
- Pi \* 1
- Camera \* 1
- PIR \* 1
- Board \* 1
- DuPont lines
- LEDs



5. Dupont & LED



2. Camera

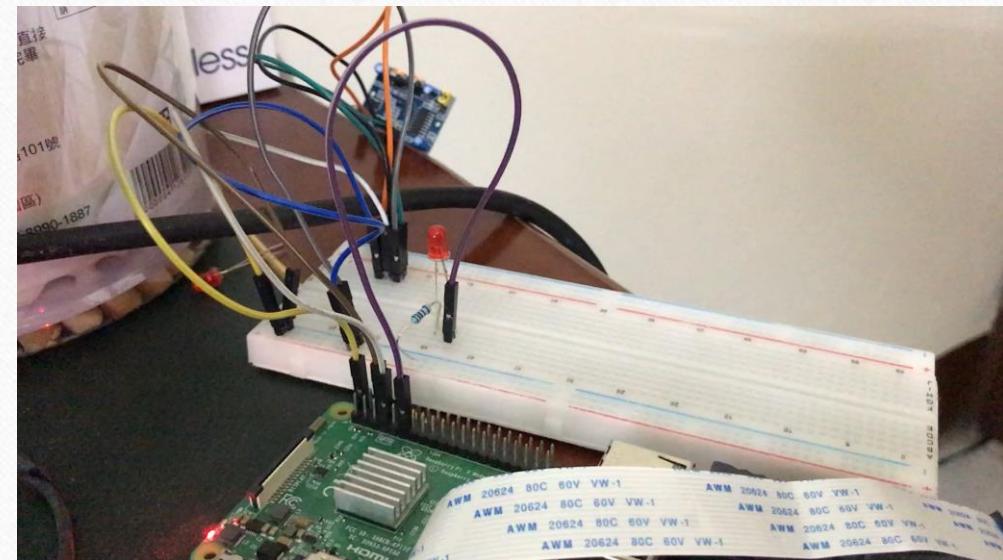


3. PIR

# Trigger Camera

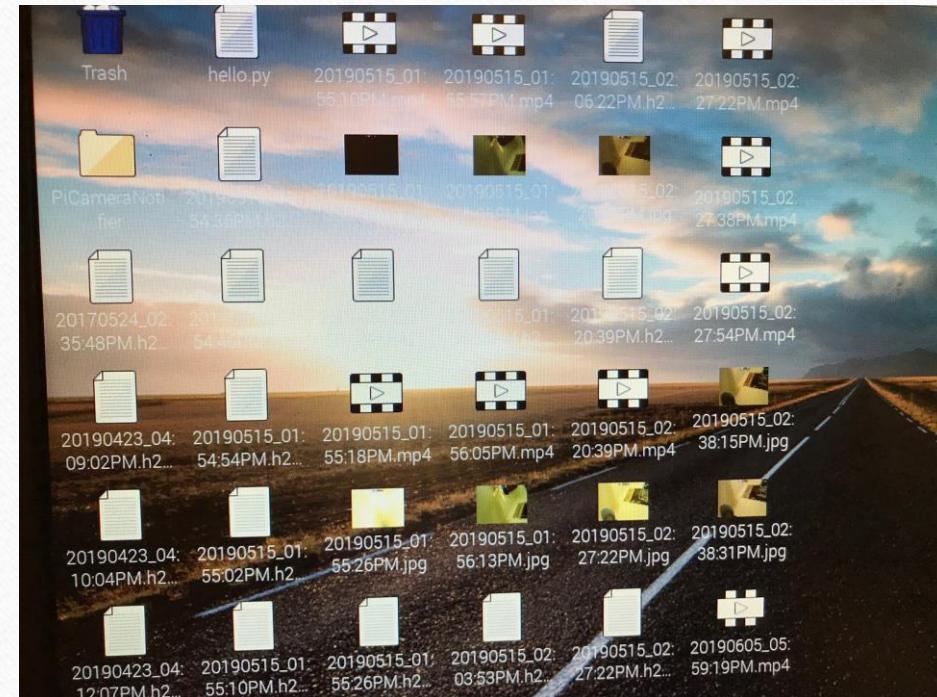
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- With objects approaching Pi, the PIR installed on Pi will detect the object and trigger the camera and LED to capture the scheme.



# Pi Itself

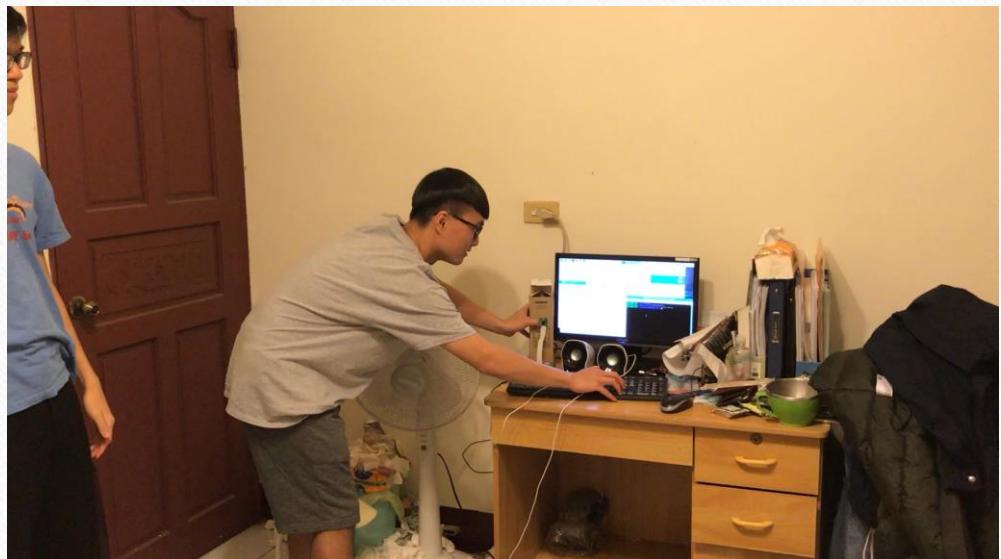
- Even without Internet, pi can store the videos and images that captured by picamera. Then you can take them as proofs.



# Audio on Pi

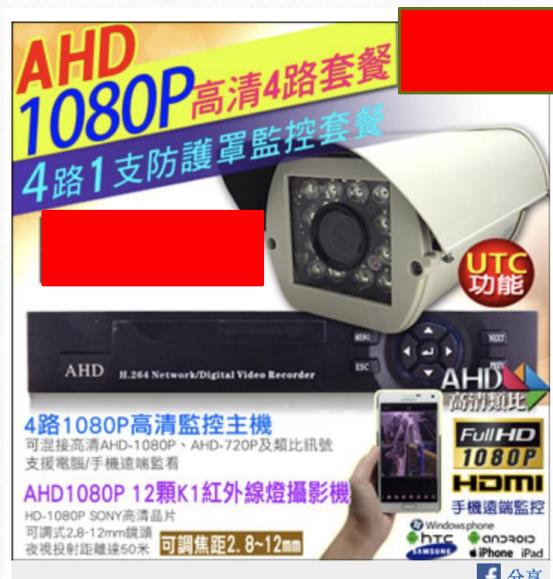
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- If you want to scare the strangers, preventing he or she stealing things from you. Then you can get the speakers connected. We have already set a default sound to warn the strangers.



# Lower Price of Security System

|                |        |
|----------------|--------|
| • Pi * 1       | \$1440 |
| • Camera * 1   | \$ 960 |
| • PIR * 1      | \$ 17  |
| • Board * 1    | \$ 40  |
| • DuPont lines | \$ 8   |
| • LEDs         | \$ 1   |
|                | \$2466 |



⑤超值搶購↘8折

HD 1080P 4路1支監控套餐 高清  
12顆 K1紅外線防護罩攝影機 ( 2.8 - 12mm ) SO  
NY晶片 支援 AHD1080P/720P及傳統類比攝影  
機 UTC

- AHD 4路11080P主機+1支1080P攝影機
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- 本商品不含硬碟與線材

3期 0 利率 31家 6期 0 利率 31家  
12期 分期 6家

VISA ATM ibon 說明

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LINEPay Apple Pay GPay Pi 拍錢包

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