

# 預防農作物遭野生動物破壞驅趕系統

許家愷

# Back to Original Thought

• 2020年10月4日



The image shows a YouTube video player interface. The video is a news report from 民視新聞台 (Ming Shi News Channel) HD. The main title of the video is "猴群入侵果園事件多 破壞作物農民好頭痛" (Many monkey invasion incidents in orchards, destroying crops, farmers are in pain). The video is dated 2020年10月4日 (October 4, 2020). The video shows a monkey sitting on a tree branch, eating. The video player includes a search bar, a play button, a progress bar, and a share button. The video is titled "古坑猴害嚴重 電圍網申請補助大暴增 - 民視台語新聞" (Ancient pit monkey harm is serious, electric net application for subsidy has increased greatly - Ming Shi Taiwanese News).

民視新聞台 HD

最新  
國一北上林口段八車連環撞  
2警員在內5人傷

雲林

猴群入侵果園事件多 破壞作物農民好頭痛

古坑猴害嚴重 電圍網申請補助大暴增 - 民視台語新聞

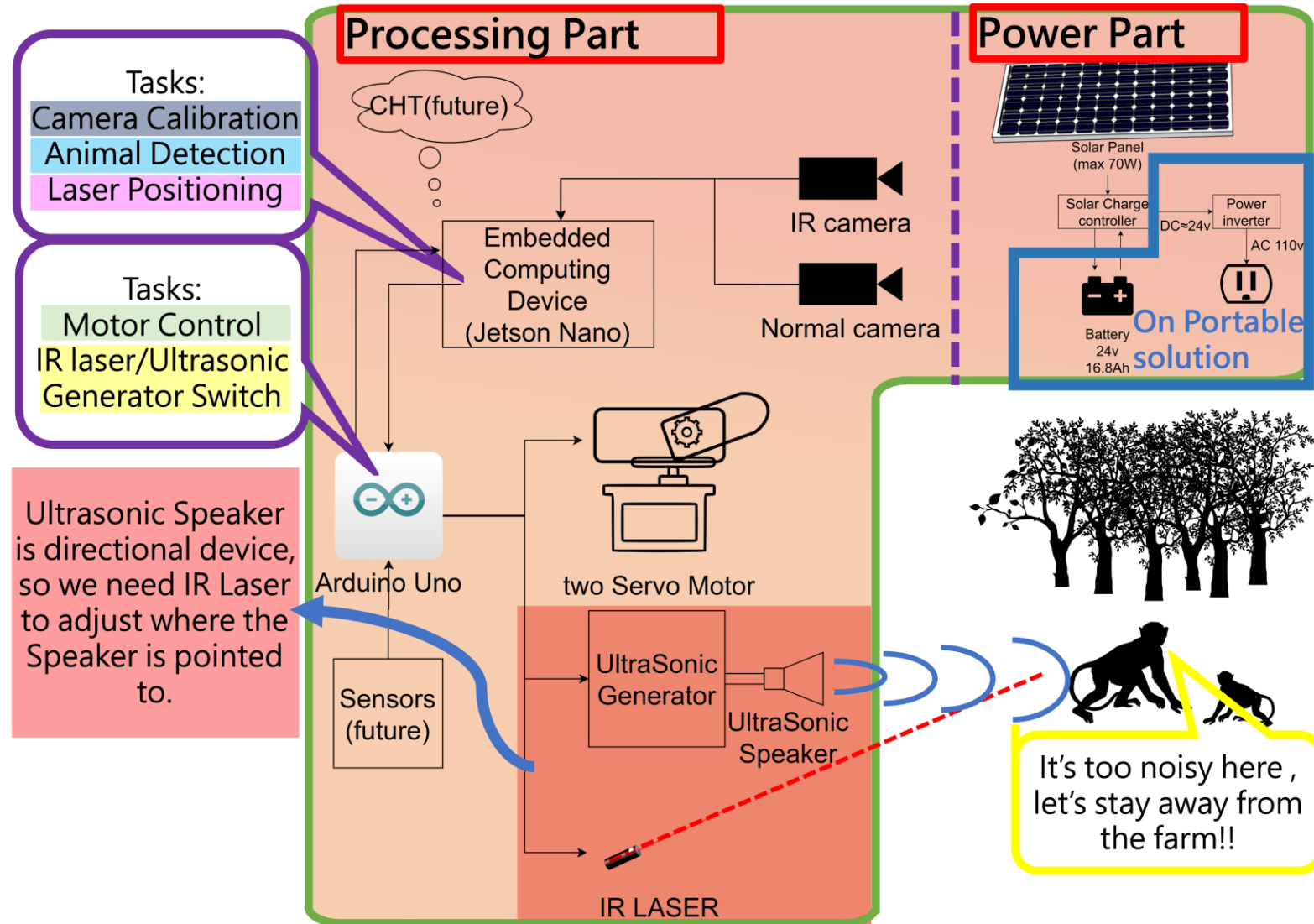
觀看次數：579次 • 2020年10月4日

3 0 分享 儲存 ...

# Proposed method ( from first report

- Locate the animal which break into farm
- Try to aim at the animal
- Using some method to drive the animal away

# Proposed method ( specialized



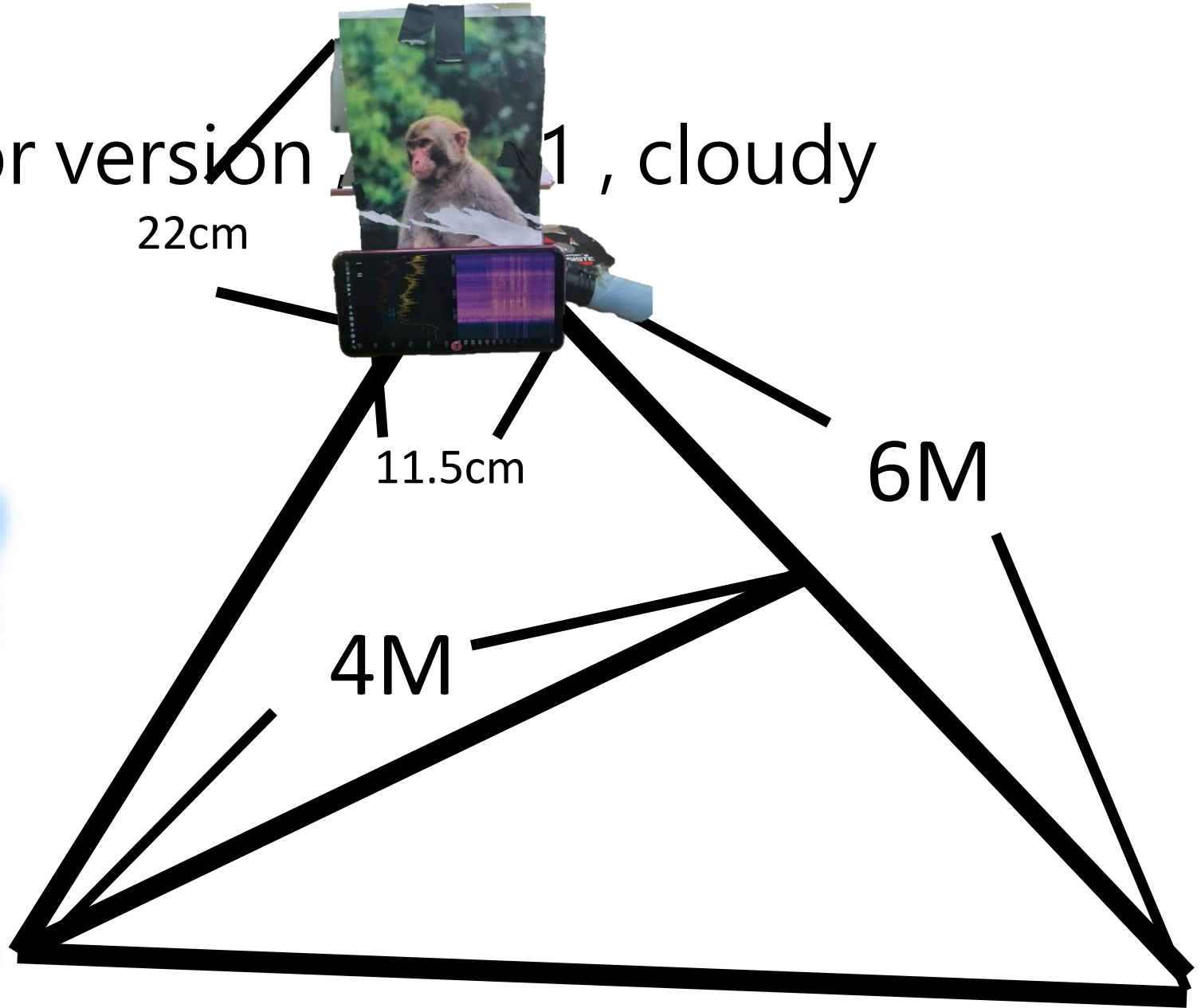
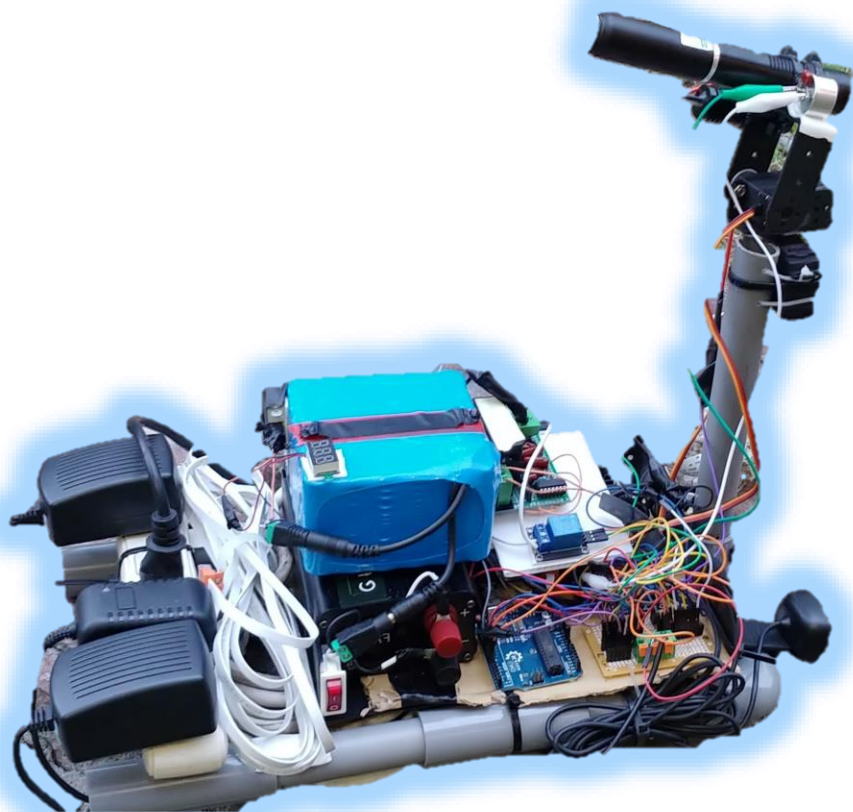
DEMO ( outdoor version 1 , cloudy

22cm

11.5cm

6M

4M



# DEMO outdoor Video





```
nvldia@nvidia-desktop: ~/Desktop/CSP
diff_x : -34 diff_y : 9
square box location:717 175 size:55 42
laser is at:732 284
Tracking is ok:[75 x 61 from (787, 166)]
diff_x : -12 diff_y : 8
square box location:719 174 size:52 40
laser is at:752 199
Tracking is ok:[75 x 61 from (787, 166)]
diff_x : 8 diff_y : 3
square box location:719 175 size:52 40
laser is at:765 201
Tracking is ok:[75 x 61 from (787, 166)]
diff_x : 21 diff_y : 5
square box location:718 176 size:53 39
laser is at:784 208
Tracking is ok:[75 x 61 from (787, 166)]
diff_x : 48 diff_y : 11
square box location:719 176 size:52 41
laser is at:792 184
Tracking is ok:[75 x 61 from (787, 167)]
corrupted double linked list
./start.sh: line 28: 15297 Aborted
s* | cat /head 1
nvldia@nvidia-desktop: ~/Desktop/CSP$
```

the network cable is plugged.

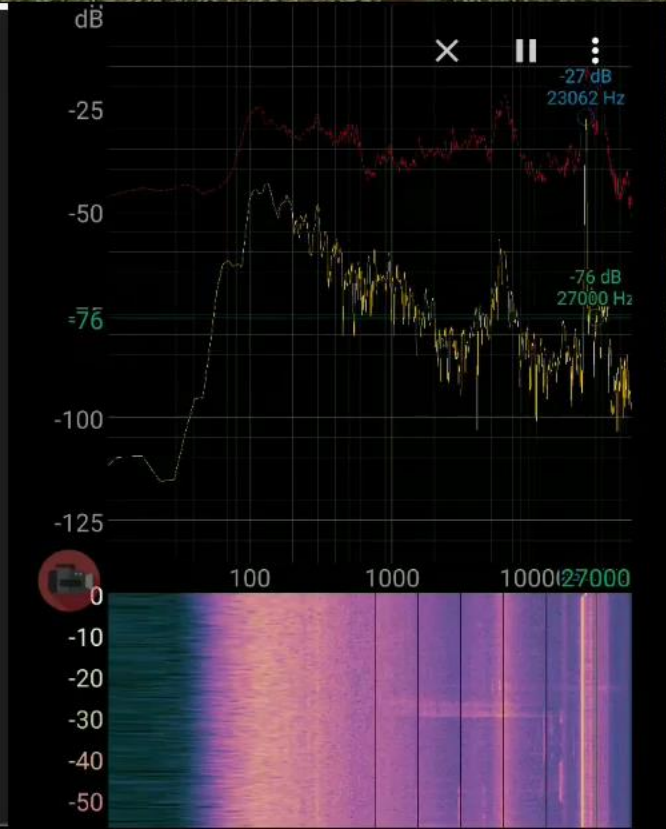
RT-AC68U

suggest you

Ensure that your cable has been connected to your RT-AC68U WAN port and your modem.

Check if your Operation Mode needs to be changed.

GO



# Ok , ok , to most people who are curious

- Is it really work?



# Ultrasonic speaker Demo ( 10/02

not using  
UltraSonic Speaker  
#example 1

# End

Thank you for whole year of listening my project.