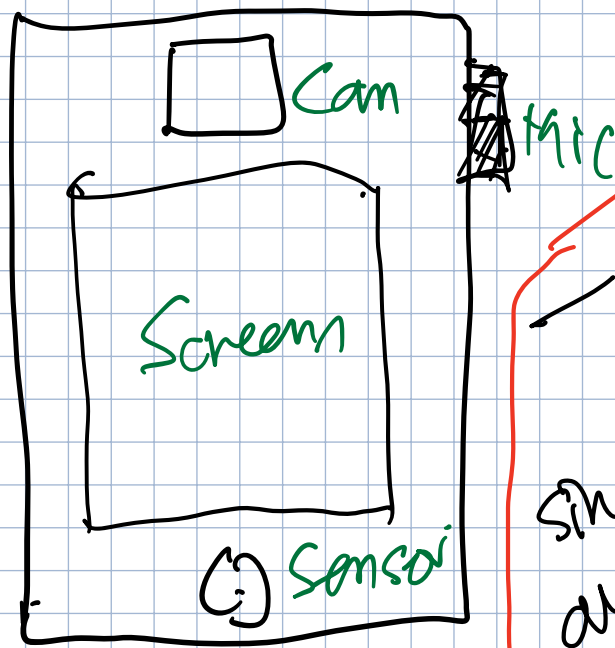


- RP13B
- Cam 15 MP
- Sensor movement



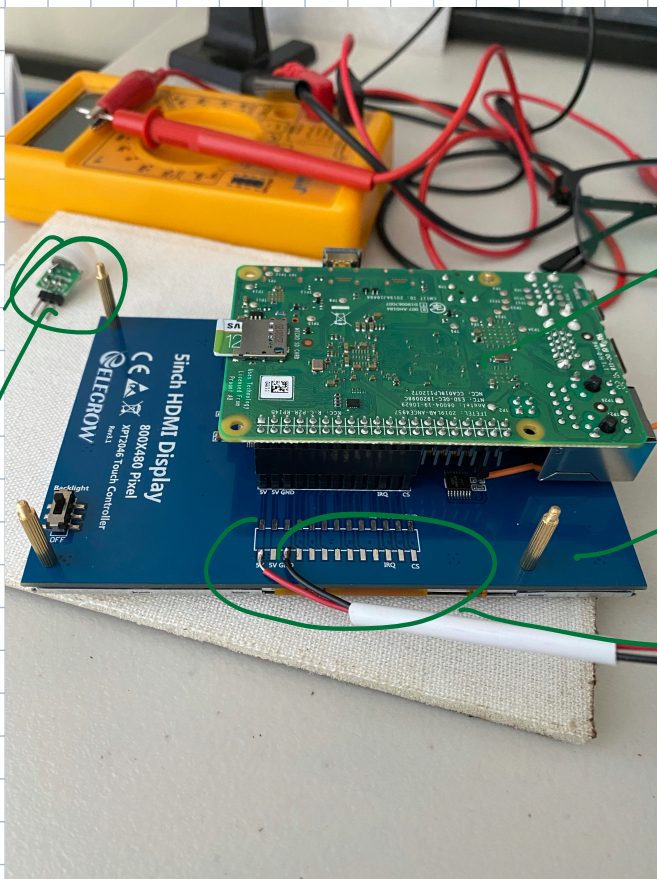
Portrait orientation
since most pics are portrait

Python Scripts

- 1 Scan Dropbox for new pics & download to Pic directory
- 2 Loop through pics
- 3 Go to sleep mode if no movement for 5 minutes
- 4 Admin menu
- 5 Camera face & gesture recognition
- 6 Camera record / take pictures

⑦ Mic listening for verbal commands

⑧ "Google Assistant" confg.



RPI3B

Screen

Power supply
for sensor.

Sensor.

In autostart file in location: /etc/xdg/lxsession/LXDE-pi

Add line:

@/usr/bin/python3 /home/pi/Projects/ShadowBox/scripts/display.py

- low voltage display was caused
by sub optimal USB power supply.

Display ports (DSI): 1

J8:

3V3	(1)	(2)	5V
GPIO2	(3)	(4)	5V
GPIO3	(5)	(6)	GND
GPIO4	(7)	(8)	GPIO14
GND	(9)	(10)	GPIO15
GPIO17	(11)	(12)	GPIO18
GPIO27	(13)	(14)	GND
GPIO22	(15)	(16)	GPIO23
3V3	(17)	(18)	GPIO24
GPIO18	(19)	(20)	GND
GPIO9	(21)	(22)	GPIO25
GPIO11	(23)	(24)	GPIO8
GND	(25)	(26)	GPIO7
GPIO8	(27)	(28)	GPIO1
GPIO5	(29)	(30)	GND
GPIO6	(31)	(32)	GPIO12
GPIO13	(33)	(34)	GND
GPIO19	(35)	(36)	GPIO16
GPIO26	(37)	(38)	GPIO20
GND	(39)	(40)	GPIO21

POE:

TR01	(1)	(2)	TR00
TR03	(3)	(4)	TR02

Have connected the PIR sensor on GPIO16

① Instead of Dropbox, using
SMB and a directory
on ShadowBox?

"on Dropbox / on

- Scan 1 picture
- Download m .. / picture 1
- shadowBox.