sudo apt update

sudo apt install python3

sudo raspi-config

camera 🡪 on

i2c 🡪 on

SPI 🡪 on

Remote GPIO 🡪 on

Reboot

From flash drive pull

🡪 Board\_Interface.py 🡪check for print function

🡪 check cam\_func import (cam\_func\_update as cf)

🡪 cam\_func\_update.py

Save to pi (~$/home/pi)

Command prompt

Sudo nano /lib/systemd/system/Board\_Interface.service

Add to file:

[Unit]

Description=This is our Board Interface

After=multi-user.target

[Service]

Type=idle

ExecStart=/usr/bin/python3 /home/pi/Board\_Interface.py

[Install]

WantedBy=multi-user.target

CTRL X 🡪 Y 🡪 Enter

sudo systemctl daemon-reload

sudo systemctl enable Board\_Interface.service

sudo reboot

Scrapping Useless Stuff

sudo nano /boot/config.txt

Add the following files above ‘adjust overscan’

#disable the rainbow splash window

disable\_splash=1

#disable Bluetooth

dtoverlay=pi3-disable-bt

#disable wifi

dtoverlay=pi3-disable-wifi

#set boot loader delay to 0 seconds (default is 1s)

boot\_loader=0

#At bottom, change following line

dtparam=audio=on 🡪 dtparam=audio=off

#Disable under voltage warning:

avoid\_warnings=1

CTRL X 🡪 Y 🡪 Enter

sudo nano /boot/cmdline.txt

delete the word ‘splash’

CTRL X 🡪 Y 🡪 Enter

sudo reboot

Disable Plymouth services

sudo systemctl mask plymouth-start.service

Remove Pi logo and blinking cursor

sudo nano /boot/cmdline.txt

#add the following to the end of the text:

logo.nologo vt.global\_cursor\_default=0

CTRL X 🡪 Y 🡪 Enter

sudo reboot

Disabling More Files

Command Prompt

sudo systemctl disable networking.service

“ “ ssh.service

“ “ wifi-country.service

“ “ dphys-swapfile.service

“ “ apt-daily.service

“ “ ntp.service

“ “ dhcpcd.service

“ “ triggerhappy.service

“ “ fake-hwclock.service

“ “ hciuart.service”

sudo reboot