

## Television Display Pi Reimaging Process

Download Raspberry Pi Imager ([Raspberry Pi Imager](#)):

Under choose OS, Select Raspberry Pi OS 32 bit (A port of Debian with the Raspberry Pi desktop)

Choose storage → SD card

Click write.

Install SD card into Pi and follow setup instructions.

Default Settings:

User- pi

Password- raspberry

As always, it is highly recommended to change the default password to something more secure.

### Setting a Static IP

Must edit dhcpd.conf file as follows:

1. Open terminal and type `sudo nano /etc/dhcpd.conf`
2. Edit following portion as appropriate:

```
interface NETWORK
static ip_address=STATIC_IP/24
static routers=ROUTER_IP
static domain_name_servers=DNS_IP
```

**Example:**

```
interface eth0
static ip_address=192.168.26.31
static routers=192.168.26.1
static domain_name_servers=8.8.8.8
```

### Enable SSH and VNC

Using Raspberry Pi OS GUI:

1. Click the Raspberry Pi logo in the top left corner

2. Select preferences → Raspberry Pi configuration
3. Navigate to the interfaces tab
4. Select enabled for SSH and VNC

Using terminal:

1. Open terminal and type `sudo raspi-config`
2. Select interfacing options P2 and P3 for SSH and VNC respectively
3. Select yes for both prompts
4. Navigate down and hit enter on the Raspberry PI config utility to finish
5. PI must restart for changes to be effective

### Notes

This setup expects credentials for the Pi's own VNC client. To set this up, click on the top right VNC viewer.

- Set encryption to "prefer off"
- Set authentication to "VNC password" and hit apply
  - o Use password of your choice
  - o Click OK