**Raspberry Pi OS Installation**

**RaspberryPi Imager**

**NOOBS**

NOOBS INSTALLATION INSTRUCTIONS

Full Raspian OS plus useful programs

**Lite OS**

Raspian OS desktop GUI but no extra programs, will fit in 8GB

**Full OS**

Contains OS, some useful programs, and ability to *Recover by holding shift key* during boot

Full Raspian OS plus many useful programs

NOOBS

Offline and network install

Loads OS in compressed form onto µSD, needs time to extract during installation

Raspian OS desktop GUI but no extra programs, will fit in 8GB

OS needs to be downloaded via network during installation

### NOOBS Lite

1. Insert an 8GB or 16GB µµµSD card into your computer. 8GB for limited OS, no extra programs, good for HT Kiosk
2. Download SDFormatter formatting Tool from https://www.µµSDcard.org/downloads/formatter\_4/eula\_windows/
3. Install and run the SDFormatter Tool on your machine
4. Check that the µµSD card you inserted matches the one selected by the Tool
5. Click the "Format" button
6. Download the NOOBS file from [https://www.raspberrypi.org/downloads/noobs/](https://www.raspberrypi.org/downloads/noobs/%20)
7. Extract the files contained in this NOOBS zip file.
8. Copy the extracted files onto the µSD card that you just formatted so that this file is at the root directory of the µSD card. Please note that in some cases it may extract the files into a folder, if this is the case then please copy across the files from inside the folder rather than the folder itself.
9. Insert the µSD card into your Pi and connect the power supply.

\*\*Raspberry Pi 4 Model B:\*\* display must be connected to HDMI port closest to power jack.

Your Pi will now boot into NOOBS and should display a list of operating systems that you can choose to install.

If your display remains blank, you should select the correct output mode for your display by pressing one of the following number keys on your keyboard:

1. HDMI mode - this is the default display mode.

2. HDMI safe mode - select this mode if you are using the HDMI connector and cannot see anything on screen when the Pi has booted.

3. Composite PAL mode - select either this mode or composite NTSC mode if you are using the composite RCA video connector.

4. Composite NTSC mode

If you are still having difficulties after following these instructions, then please visit the Raspberry Pi Forums ( http://www.raspberrypi.org/forums/ ) for support.