

RASPI CLONING PROCEDURE

Materials Needed



Raspberry Pi



SD card Reader



SD card



Mouse, Keyboard and Monitor



Raspberry Pi Power Supply

Cloning Procedure

1. Connect a mouse and Keyboard to the Master Raspi



2. Connect a monitor to the Master Raspi using a HDMI-to-HDMI cable.



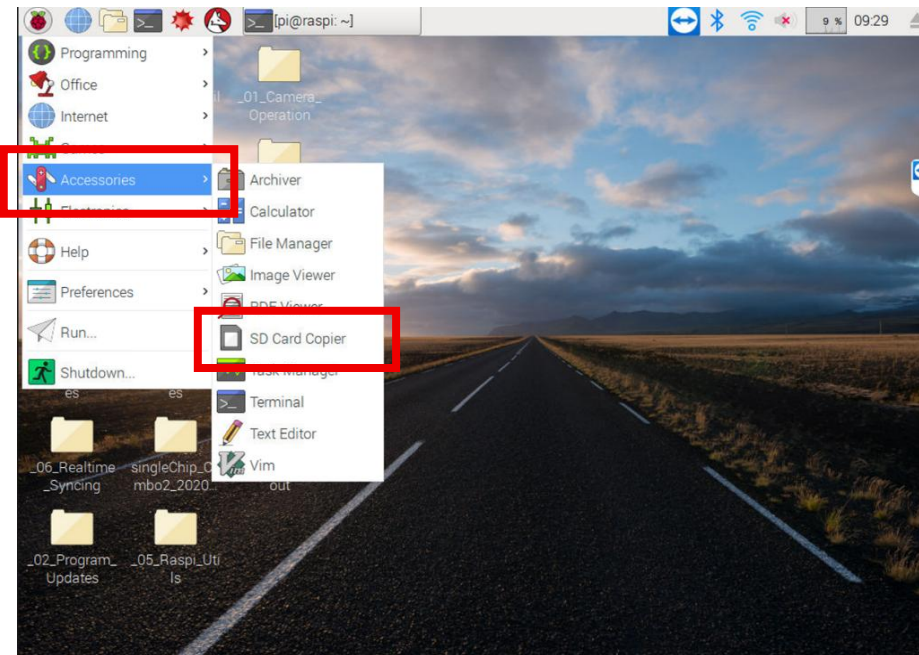
3. Power On and Log in to the Raspberry Pi

- Username: **Pi**
- Password: **Adm1n!!**

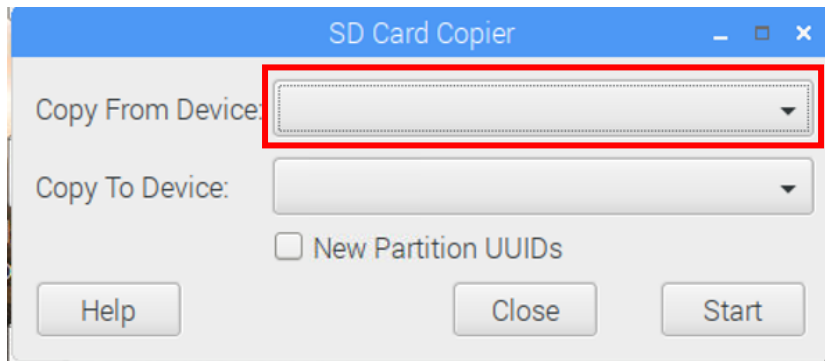
4. Insert you SD card to the Card reader and connect to the Raspberry Pi



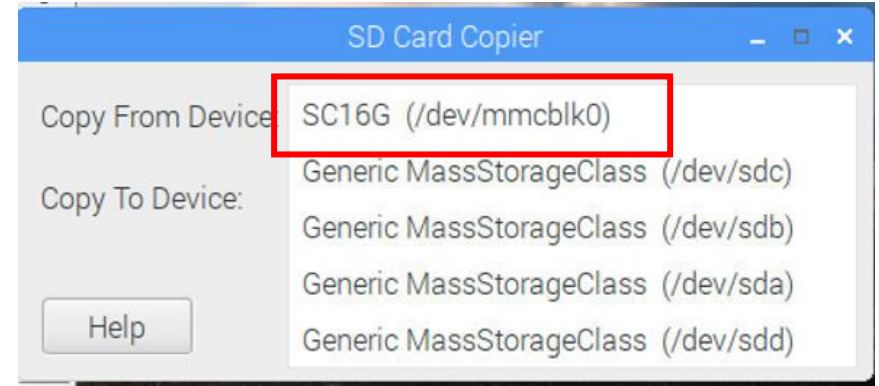
5. Open the SD card Copier software Goto **Start>Accessories>SD Card Copier**



6. From the software, click on the “Copy from Device”

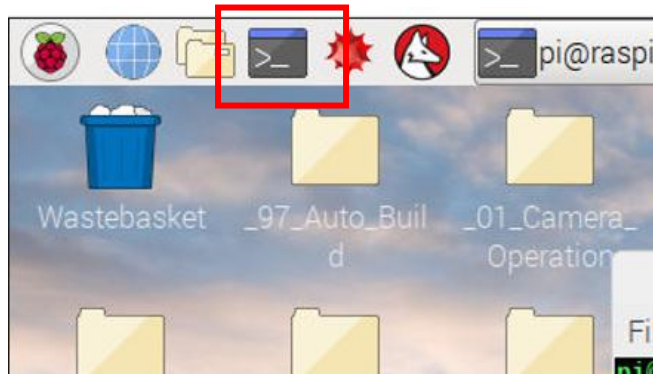


Click Drop Down

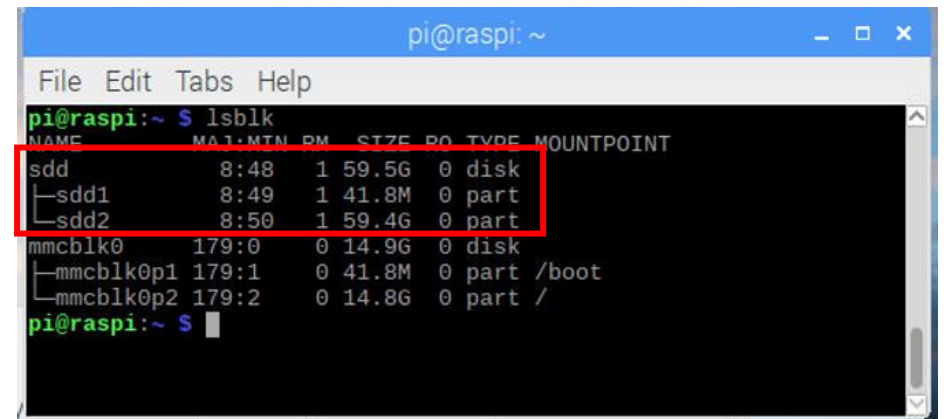


Choose your main source: commonly named **/dev/mmcblk0**

7. Determine your SD card drive name

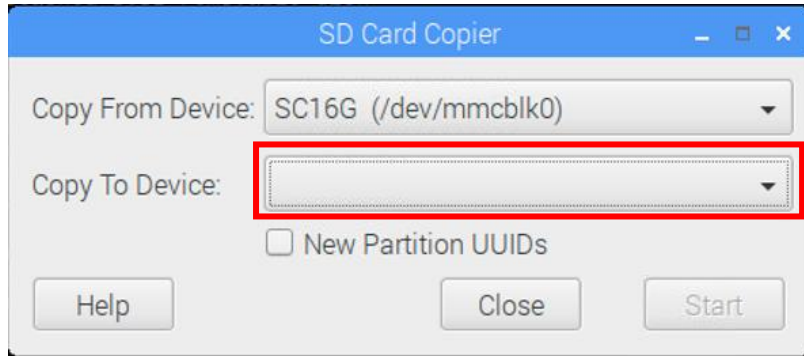


Click on this Icon and type in “lsblk”

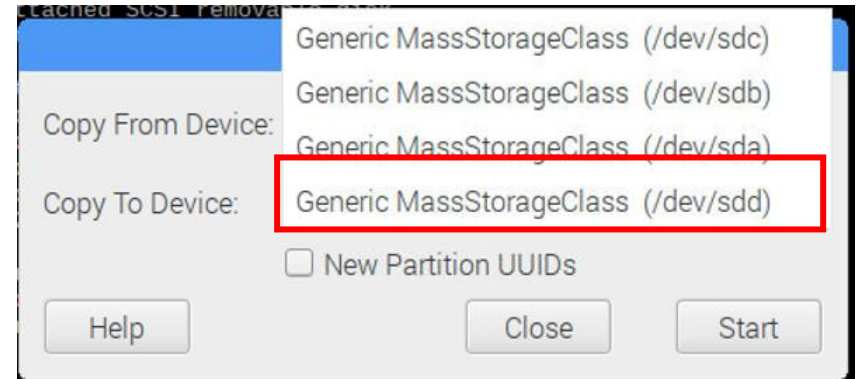


It should give a list of card and storage attached to the SD card reader

8. From the software, click on the “Copy to Device”

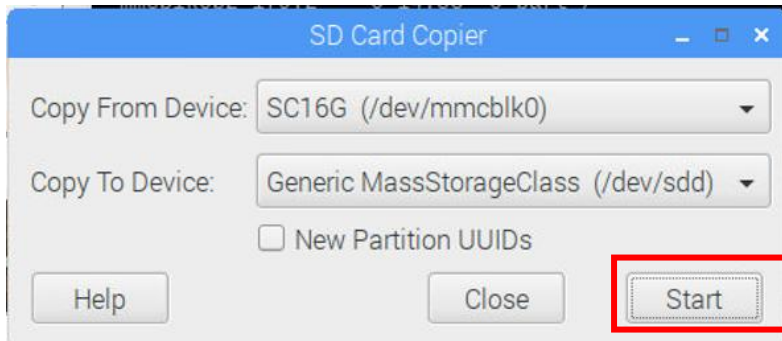


Click Drop Down

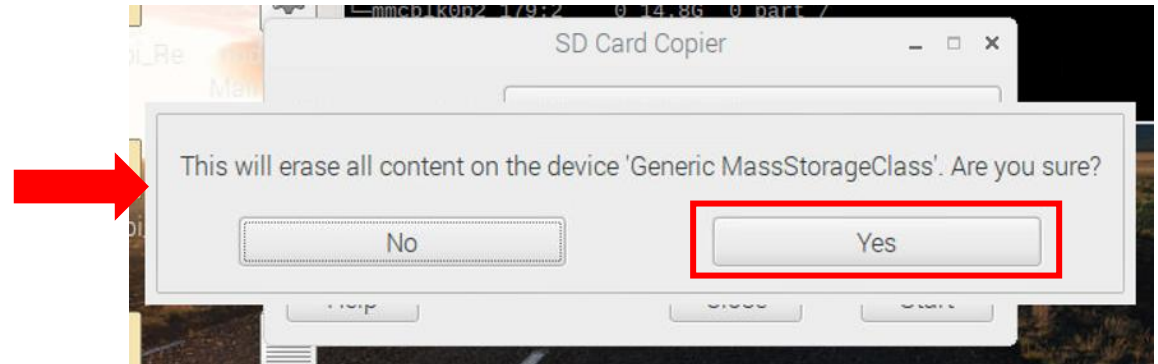


Choose your destination drive based on the **lsblk** command

9. Click on Start button – this will take 5- 10 mins

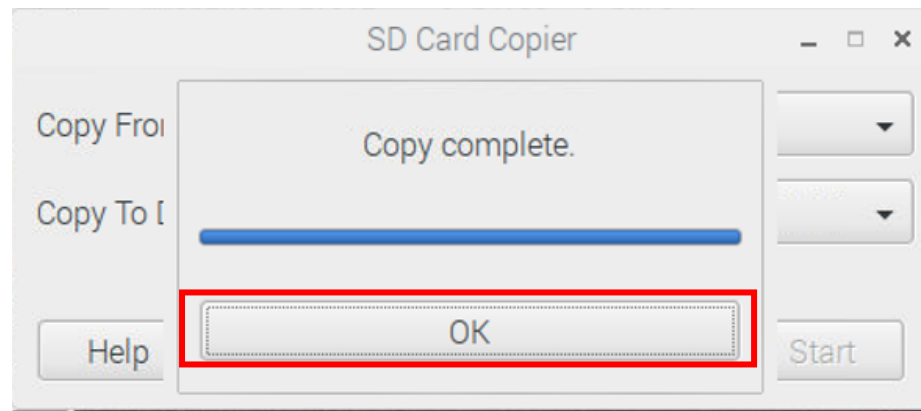


Click start



Click Yes and wait for it to finish

10. Once done, Click OK



11. Unmount the SD card Reader safely

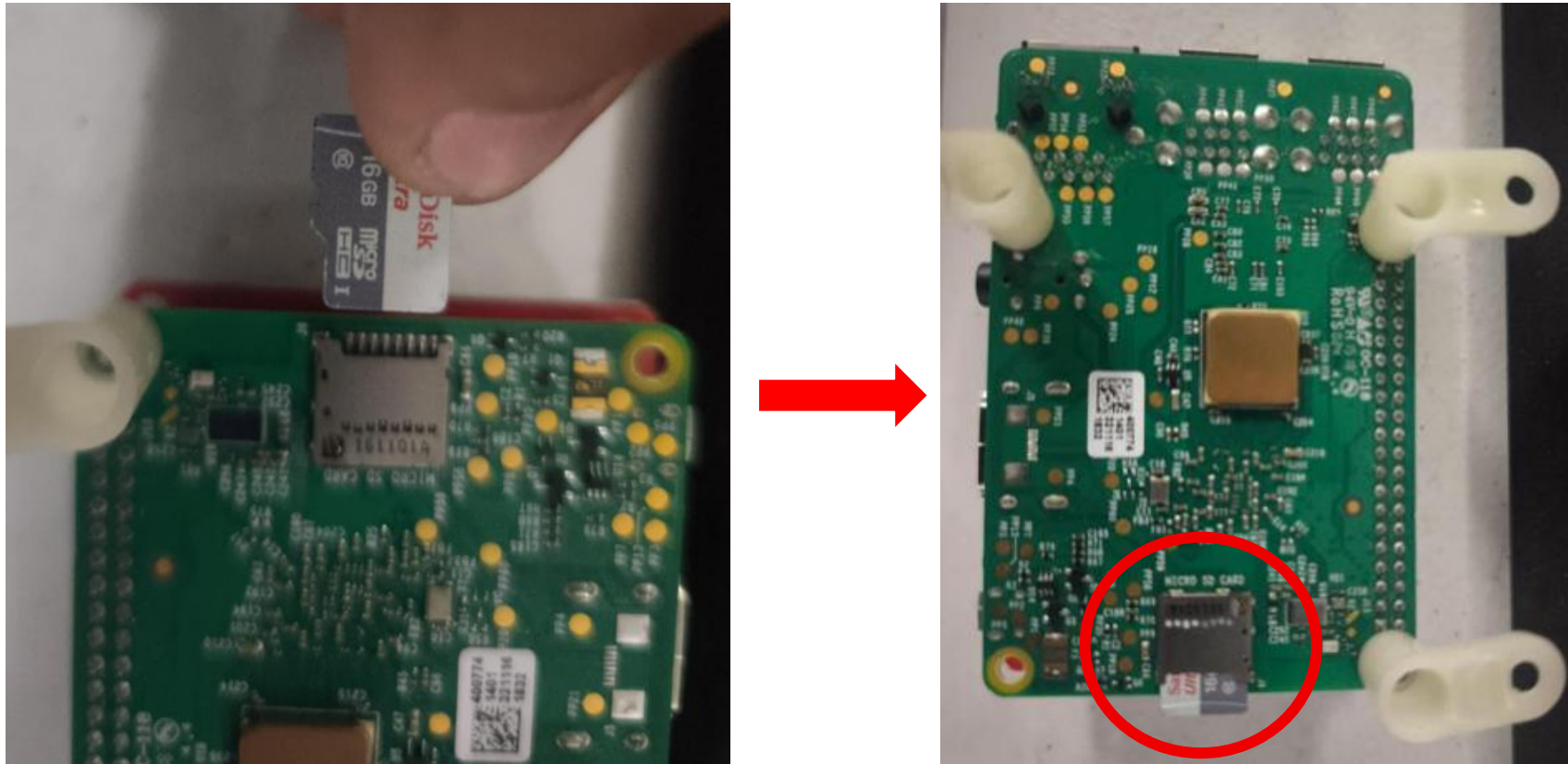


Click on the arrow icon on the top right to unmount the SD

12. Remove the SD card from the card reader.

Setting up the Raspi with the newly cloned SD card

1. Insert the newly cloned SD card to the raspi (this is not your master raspi) that you will be sending to the field

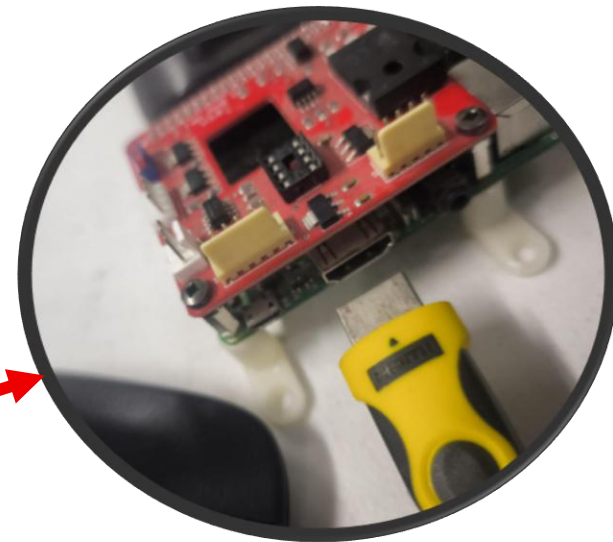


- SD card can only be inserted one way, if you feel resistance during insertion, do not forced to insert it.
- Printed part of the SD card should be facing away from the raspi board

1. Connect a mouse and Keyboard to the Raspi

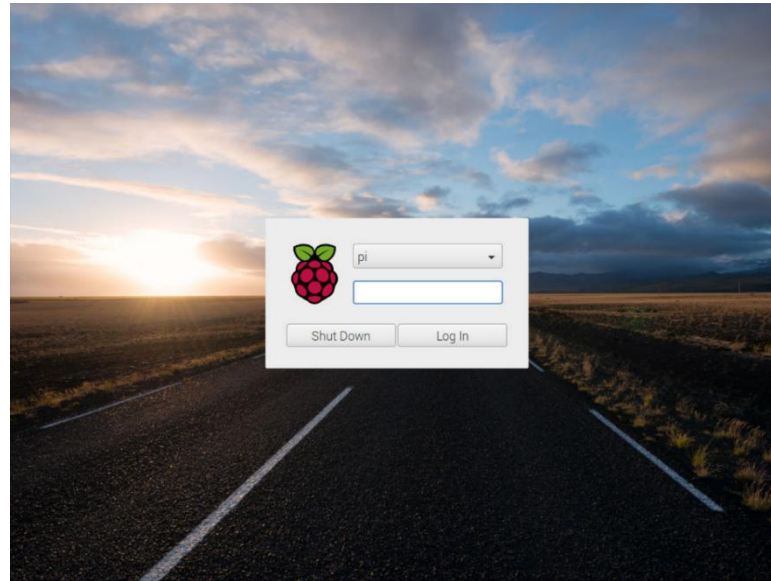


2. Connect a monitor to the Master Raspi using a HDMI to HDMI cable.



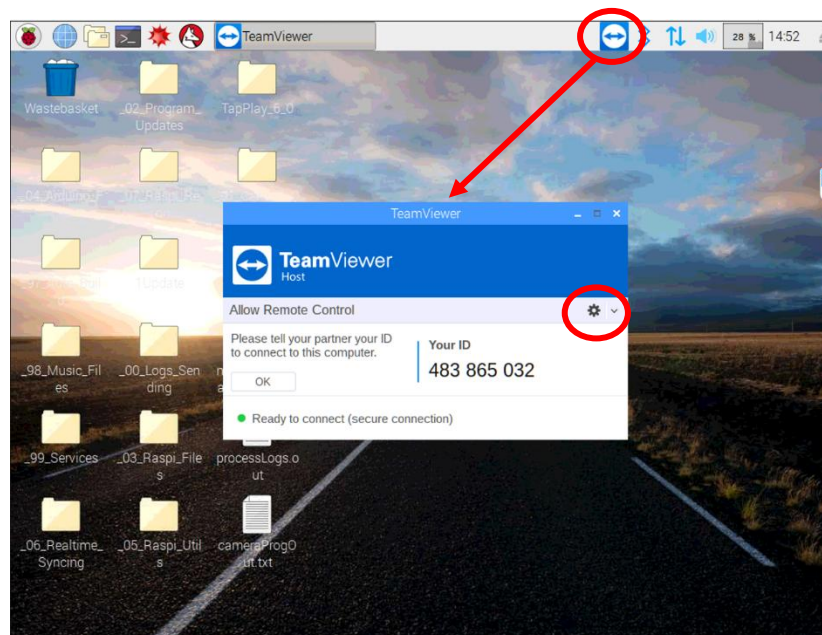
3. Power On and Log in to the Raspi

- Username: **Pi**
- Password: **Adm1n!!**

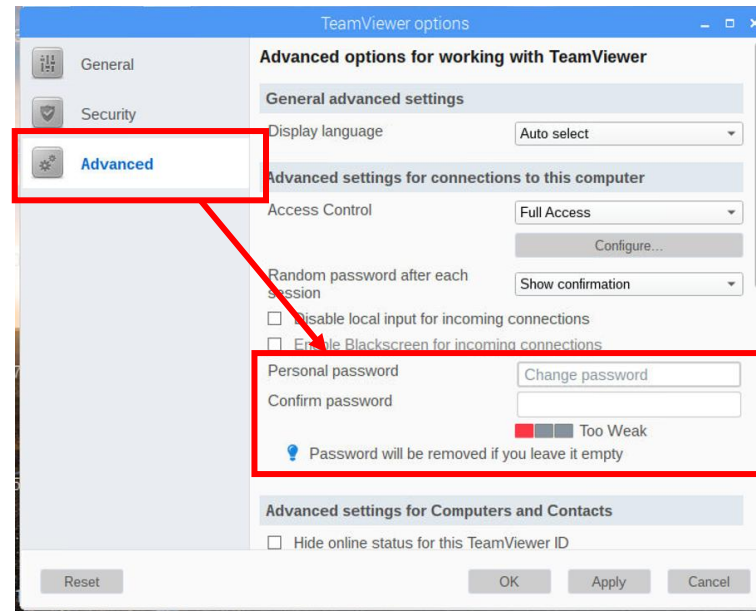


4. Login to the Teamviewer

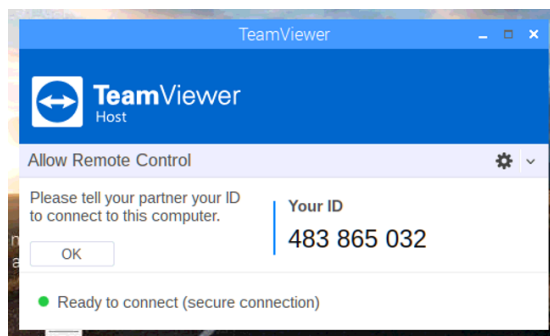
- Go to Teamviewer(top right icon)
- A pop-up window will appear and click on the gear icon



5. Go to Advance tab> click on personal password
 - a. set password: maxiclaw3456 and click apply>OK



6. Take note of the Raspi ID. Write it on a sticker and stick to the side of the Raspi properly.



7. Shutdown the Raspi properly before sending it to the field.