Instructions 1: How to Stream from the CrabCam

These instructions are for Macbooks only. It's possible to connect through a Windows laptop, but internet sharing is more complicated and the terminal system is different. Everything after Step 8 should be the same on a Windows laptop.

- 1. Plug one end of the ethernet cable into a Macbook using a USB adapter. The Pi should be powered off during this step.
- 2. Open the settings. Make sure you're connected to the wifi source you want to use.
- 3. Use the search bar to find internet sharing and turn it on. Turn on the AXX88...B toggle and the Internet Sharing toggle. (Fig. 2 and Fig. 3).
- 4. Plug the other end of the ethernet cable into the Pi.
- 5. Turn on the battery pack.
- 6. Wait for the green blinking light, this means it's booting on. Once you see it, wait another 30 seconds to give it time to boot up. It's slow.
- 7. Open the terminal (Fig. 6). If the owner of the Macbook doesn't keep the terminal in their dock, search for it under Launchpad (Fig. 7 and Fig. 8).
- 8. Type this command: ssh Roy@192.168.2.2 (Fig. 4 and Fig. 1) from your home directory. If you just opened a new terminal window, you should already be in your home directory.
- 9. Paste this link in your laptop browser: http://192.168.2.2:8080/ui
- Enter the username (sharkbite) and password (Phytoplankton-Bl00m)
 (Fig. 9)
- 11. Click "Connect to camera"
- 12. Turn on the toggle next to the word "Twitch" in the side bar to broadcast to Twitch.
- 13. Click "Disconnect" to turn off the stream.
- 14. Open the terminal and type this command before unplugging: sudo poweroff (Fig. 5 and Fig.1)

Fig. 1

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Fig. 2

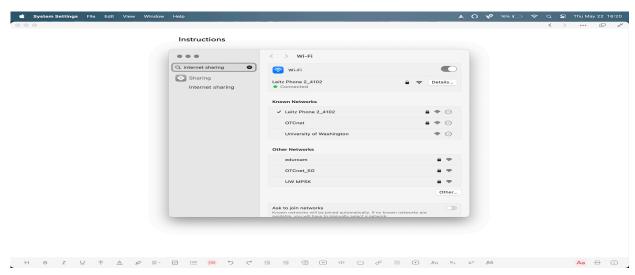


Fig. 3

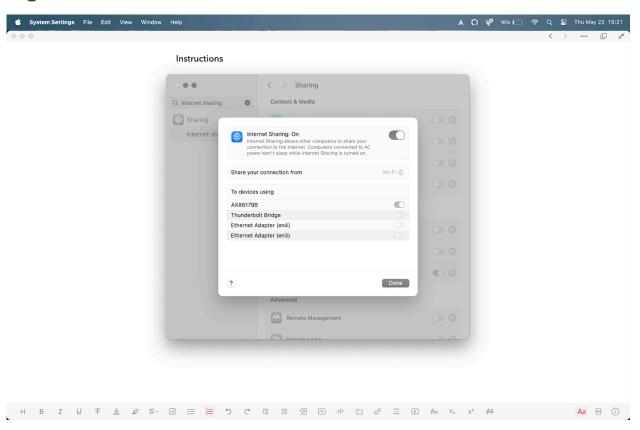


Fig 4.

ssh Roy@192.168.2.2

Fig. 5

sudo poweroff

Fig. 6

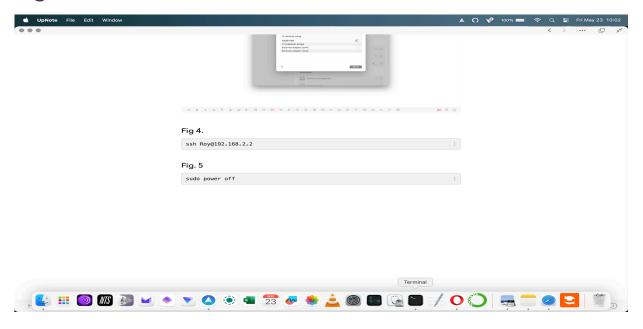


Fig. 7

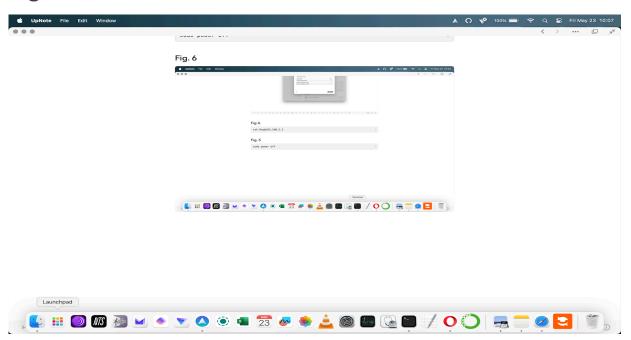
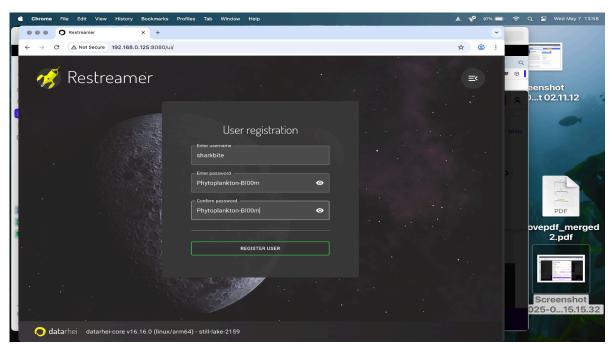


Fig. 8



Fig. 9



Instruction 2: How to turn on the Camera

- 1. Turn on the Power bank
- 2. Connect the power bank into the micro pi power source
- 3. Close the housing
- 4. Deploy