

TIMELAPSE CAMERA

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Project Aim

To build a wearable Timelapse camera

Project description:

1. Hardwares to be used

- (a) Raspberry Pi Model Zero
- (b) Raspberry Pi Camera
- (c) Raspberry Pi Zero 1.3 Camera Cable
- (d) 4GB or larger micro SD card
- (e) PowerBoost 500 Charger
- (f) Switches,LEDs,etc

2. Software to be used

- (a) Raspbian Jessie Lite
- (b) RaspberryPi Terminal
- (c) WiringPi

3. Approach:

- (a) Raspbian Jessie Lite image is burned to SD card
- (b) Necessary scripts can be downloaded/written and can be run in startup
- (c) Add other components like switch,LED,Charger,etc
- (d) The images captured by the device can be uploaded to PC and can be compiled together as a video

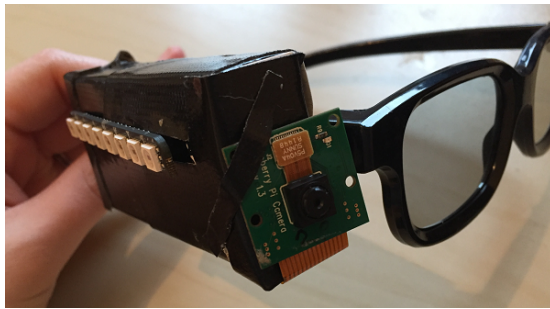


Figure 1: The complete Prototype