Visual Lock Picking Workstation

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The Visual Lock Picking Workstation is a Raspberry Pi enclosure which makes it possible to capture live video from a cutaway lock. It is intended as an instructional device which can be used to display the inner workings of a lock while teaching lock picking.

The 3d model file is available on the Optiv git repository at the following link: https://github.com/optiv/VisualLockPickingWorkstation.git

Required Components

- Raspberry Pi 3
- Raspberry Pi Camera module (you will need to unscrew the lenses to focus)
- Light Ring for Raspberry Pi Camera (I suggest the Bright Pi)
- Cutaway Lock Core
- 3d printed enclosure

Command line for displaying live video. This can also be added to a startup script so that it automatically starts every time the pi boots.

```
Raspivid -t 0 -vf -w 1920 -h 1080 -fps 30 -rot 270
```