Setting up OctoLapse with a CANVAS Hub (S)

We outline steps to set up OctoLapse in three different ways.

Written By: Mosaic Support



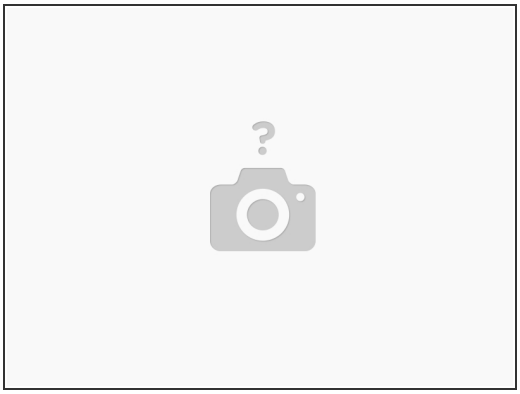
INTRODUCTION

We outline steps to set up OctoLapse in three different ways:

1. using a simple webcam
2. using an external DSLR with the raspberry pi rendering the timelapse, and
3. saving the images to the SD card and rendering the timelapse ourselves.

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Step 1 — Troubleshooting: Prompted to Install Pillow



- Use the IP scanner to identify the IP address for the hub and copy it.
- Run Putty and enter the IP address for the hub, and then connect to it. You may receive a warning after doing this, please proceed.
- Enter 'pi' after 'login as' (without the quotes)
- Enter the hub's serial number as the password in the following format: xxxx-ch (where xxxx are the four alphanumerical digits for the serial code). If logged in successfully, you should see pi@xxxx-ch-canvas-hub on the command line
- Enter the following command: **sudo apt-get install libjpeg-dev libfreetype6 libfreetype6-dev zlib1g-dev**
- Enter this command after the first is complete: **pip install --upgrade pip**.
- Once pip is upgraded, please enter: **pip install pillow**
- After pillow is installed, restart OctoPrint and return to the CANVAS Hub page to install OctoLapse.

If you have any additional questions, please send us a message at support@mosaicmfg.com.