# Raspberry Pi Timelapse

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***Summary***: Learn to use a Raspberry Pi single board computer to create timelapse video.

## Introduction

Time lapse videos are popular for entertainment, scientific, and educational purposes. The Raspberry Pi is popular as a dedicated device to gather still images at regular intervals.

<https://projects.raspberrypi.org/en/projects/timelapse-setup>

<https://www.raspberrypi.org/documentation/usage/camera/raspicam/timelapse.md>

## Capturing Still Images

### Raspistill

### Cron

### Python

## Combining Images to Video or Gif

### ImageMagik

<https://projects.raspberrypi.org/en/projects/timelapse-setup/6>

### Avconv

### Mencoder

<https://en.wikipedia.org/wiki/MEncoder>

FFmpeg

<https://en.wikipedia.org/wiki/FFmpeg>

<http://hamelot.io/visualization/using-ffmpeg-to-convert-a-set-of-images-into-a-video/>

### Software on Other Computers