

Tutorial:

Creating a Timelapse Video with a Panomachine

There are two main ways to create a timelapse video using a Panomachine:

1. Using a smartphone application:

- Program the Panomachine with the "VideoPan" option.
- The rotational movement will be defined by the settings chosen on the Panomachine.
- Image sequencing and video format will be managed by the settings in the Android (or iPhone) application.

2. Using the "timelapse" option of Panomachine:

- Capture a few hundred images with the Panomachine.
- Use software like **VirtualDub2** (free) on your computer to create the video.
- This method gives you full control over the process, enabling the creation of very high-quality, very high-definition videos (up to 4K).

NOTE : How to create a Timelapse Video with VirtualDub2 from JPEG Files

Organize Your Files

1. Connect your smartphone to your computer.
2. Download all the captured images into a single folder.
3. Ensure that the files are named sequentially (image001.jpg, image002.jpg, etc.).

Load JPEG Files into VirtualDub

1. Open VirtualDub2. Click on File > Open Video File.
2. Select the first file in the series (e.g., image0001.jpg). VirtualDub2 will automatically detect the remaining sequential files.
3. Go to the Video menu and select Full Processing Mode.

Apply Resizing Filters if Necessary

1. Go to Video > Filters, then click Add.
2. Select the resize filter from the list and click OK.
3. Configure the filter: **New Size:** Enter the desired resolution, such as 1920x1080 for Full HD or 1280x720 for HD.

Make Additional Adjustments if Needed

1. If cropping is required:
 - Add the null transform filter.
 - Click on Cropping to set the desired dimensions.

Adjust Timelapse Speed and Video Compression

1. **Set the frame rate:**
 - Go to Video > Frame Rate : choose a speed such as 25 fps or 30 fps.
2. **Select a compression codec:**
 - Go to Video > Compression :
 - Choose a codec like Xvid MPEG-4 or H.264.
 - If these codecs are not installed, you can download them from the following links:
 - Xvid Codec: <https://www.xvid.com/>
 - H264 (best for viewing on a smartphone) [x264vfw](#)

Export the Video

1. Click on File > Save as AVI.
2. Allow VirtualDub2 to process the images. This may take some time if resizing filters or other adjustments have been applied.