

# 延时视频制作和编辑

DG3691 (邓刚)

2021-09-24

维州摄影俱乐部

Chinese American Museum

**延时摄影 (Time-Lapse):** 应用较慢的时间间隔连续拍摄, 然后用正常频率 (24fps) 播放, 从而获得将时间过程压缩的特殊视觉效果。

**拍摄频率:** 可以调整, 从每秒一张到每分钟, 每小时, 每天一张

**常见题材:** 日出日落, 云舒云卷, 月亮, 星轨银河, 花开花落, 日常生活

**拍摄设备:** 手机(延时摄影App), 相机, 快门自动控制器, 三脚架

**视频制作编辑软件:** Lightroom, Photoshop, LRTimelapse,  
DaVinci Resolve

# 延时摄影视频制作编辑流程

拍摄



原片读入, 关键帧设定 - LR Timelapse



关键帧 (Keyframes) 处理调整 - Lightroom



全部原片过渡调整, 去闪 - LR Timelapse



视频素材生成导出 - Lightroom




视频素材读入, 编辑, 最后视频生成导出 - DaVinci

# 延时摄影视频制作软件 - LRTimelapse

LRTimelapse 5.6.2 by Gunther Wegner – <https://LRTimelapse.com> – NOT LICENSED

File Edit Transitions Keyframes Metadata Snapshots Info

ALL Exposure



HD 3K 4K 6K 8K

00:00:00 (1) Camera Preview [10:23:35]

2021-09-19 National Mall Flags-Cano 14  
2021-09-19 National Mall Flags-Sony 4  
2021-09-24 Cicada Emerge TL-Canon-Part 1-Processed

### LRTimelapse 5.6.2

Render directly Basic Workflow **Visual Workflow** Long Term Workflow Video Workflow

Keyframes Wizard Holy Grail Wizard... Save Drag to Lightroom! Edit Keyframes

Lr / Br Reload Auto Transition Visual Previews Visual Deflicker Render Video

	Preview Lum	Visual Lum	Inter-val	Aperture	Shutter-speed	ISO	HG Lum Leveling	Deflicker	Filename	Width	Height
1	0.225		n/a	8.0	1/320	100	0.000	0.000	3J5A1200.CR2	5760	3840
2	0.232		14.0	8.0	1/320	100	0.000	0.000	3J5A1201.CR2	5760	3840
3	0.232		14.0	8.0	1/320	100	0.000	0.000	3J5A1202.CR2	5760	3840
4	0.233		14.0	8.0	1/320	100	0.000	0.000	3J5A1203.CR2	5760	3840
5	0.217		14.0	8.0	1/320	100	0.000	0.000	3J5A1204.CR2	5760	3840
6	0.227		14.0	8.0	1/320	100	0.000	0.000	3J5A1205.CR2	5760	3840
7	0.245		15.0	8.0	1/320	100	0.000	0.000	3J5A1206.CR2	5760	3840
8	0.235		14.0	8.0	1/320	100	0.000	0.000	3J5A1207.CR2	5760	3840
9	0.224		14.0	8.0	1/320	100	0.000	0.000	3J5A1208.CR2	5760	3840
10	0.169		14.0	8.0	1/320	100	0.000	0.000	3J5A1209.CR2	5760	3840
11	0.174		14.0	8.0	1/320	100	0.000	0.000	3J5A1210.CR2	5760	3840
12	0.224		14.0	8.0	1/320	100	0.000	0.000	3J5A1211.CR2	5760	3840
13	0.259		14.0	8.0	1/320	100	0.000	0.000	3J5A1212.CR2	5760	3840
14	0.264		15.0	8.0	1/320	100	0.000	0.000	3J5A1213.CR2	5760	3840
15	0.266		14.0	8.0	1/320	100	0.000	0.000	3J5A1214.CR2	5760	3840
16	0.276		14.0	8.0	1/320	100	0.000	0.000	3J5A1215.CR2	5760	3840
17	0.270		14.0	8.0	1/320	100	0.000	0.000	3J5A1216.CR2	5760	3840

# 视频编辑软件 - DaVinci Resolve

The screenshot displays the DaVinci Resolve 17 interface. The main workspace shows a video clip of a cicada on a tree trunk. The interface is divided into several panels:

- Media Pool:** Located on the left, it contains a grid of video clips. The clip 'P4-2021-05-26 W...' is selected and highlighted with a red border.
- Timeline:** The central area shows a multi-track timeline. The video track (V1) contains a sequence of clips. The audio track (A1) shows a waveform for the selected clip. The timeline is currently at 01:00:11:01.
- Inspector:** On the right, the Inspector panel is open to the 'Transform' tab, showing settings for Zoom (1.000), Position (0.000), Rotation Angle, Anchor Point (0.000), Pitch, Yaw, and Flip.
- Edit Index:** At the bottom left, the Edit Index table provides a detailed view of the project's clips.

#	Reel	V	C	Dur	Source In	Source Out	Record	
1		V2	C	00:00:00:00	00:00:04:00	01:00		
2		A1	C	01:00:00:00	01:02:15:09	01:00		
3		V2	C	00:00:00:00	00:00:04:00	01:00		
4		V1	C	09:24:56:17	09:25:12:18	01:00		
5		V1	D	48	01:00:22:23	01:00:24:23	01:00	
6		V1	C	01:00:10:08	01:00:24:19	01:00		

# 延时摄影视频制作编辑

故事，主题，构思



素材收集：视频和音乐



如何强化主题表达？

**对比**

光线，色彩，清晰，模糊，快慢，高低，内容

重复变化 (Variation)

镜头移动转换

头尾呼应



**谢谢大家!**

**YouTube and 1X.com: Search DG3691**