Camera slider time lapse

# Time lapse

How it works: time lapse mode moves motor, triggers camera to take picture and waits for next frame to be taken. Configure time lapse:

1. Enter time lapse mode. You should see green and blue led interchanging and LED indicator showing time lapse configuration. Configure by pressing and rotating rotary knob.
   1. **Green LED**. Move distance configuration. 1 unit on LED is about 1 mm slider distance. You can change this setting by pressing rotary button once till green LED is lit, change setting by rotating the button and save new value by pressing it again
   2. **Blue LED**. Wait time in seconds. Modify by pressing rotary button till blue LED is lit
2. Start time lapse using directional switch. During time lapse, amount of pictures taken is shown on 7 segment LED display. Amount of pictures shown goes to 0 to 99. If more than 99 pictures is taken, green led will light itself two times just before taking the picture for >100, three times for >200 etc.
3. Red LED will trigger when the end of slider is reached. Camera slider will work indefinitely if repeat mode is enabled
4. Start time lapse using directional switch

# Progressive time lapse

Two progressive slide modes are available: **increasing wait time** between frames and **decreasing wait time** between frames.

After each frame is captured, next frame will be captured little earlier or later, depending on mode. Added/subtracted time amount range is from **33 milliseconds (0.033 seconds) up to 3.3 seconds** which corresponds to **range 01 to 99 on LED** display.

**Limits.** Minimum wait time is 1 second. There is no maximum. Wait time will not be decreased when threshold is reached. Start time is not limited.

**Example.** Camera slider initial configuration is to take frame after 10 seconds. If we want to decrease time taken between frames by 0.5 seconds after each frame, we will use LED setting of 15 (0.5 / 0.033 second = 15). After each captured frame, wait time between frames will be decreased, so after frame 1 we will be waiting 9.5 seconds, after frame 6 – waiting 7 seconds etc. Since minimum wait time here is 3 seconds, minimum will be reached after 14 frames ((10 - 3) \* 0.5).

## Progressive time lapse configuration steps

1. Enter progressive slide mode, press rotary button 4 times in a row.
2. Choose increasing or decreasing mode. Left – decreasing, right – increasing mode.
3. Choose wait time increase/decrease rate. 1 unit on LCD display – 0.033 seconds.

### Step 1. Enter progressive slide mode

1. Enter time lapse mode. You should see green and blue led showing run and wait times respectively
2. Press rotary button 4 times in a row till you see red LED. Each keypress must be done in less than one second

### Step 2. Choose increasing or decreasing mode

1. Choose **2 for increasing** wait time between frames **0 for decreasing** wait time between frames. Press rotary button once to save setting

### Step 3. Choose wait time increase/decrease rate

1. Choose wait time increase/decrease rate. Each number is 0.1 second i.e. 20 on LED would be 2 seconds.
2. Configure initial time lapse settings as usual.