# Prolonged Time-lapse Shooting Tips

ATLI EON's schedule and power saving features are designed for users to record long time-lapse with ease. Here are some tips,

1. Power

**Connect to a Power Adapter** Depending on your project duration, it is highly recommended to shoot a long time-lapse with stable external power source, preferably a permanent power source. Thus, you won't need to turn on the Power Saving mode and the camera can stay connected with your device(s) running the aTLi Cam App.

**Connect to a Large Capacity Power Bank** with Power Saving mode set to "On (Mandatory)" that enables the camera to go into power saving mode even with external power connected to maximize its shooting duration.

2. SD card storage

The micro SD card that comes in the package is 16GB.   ATLI EON supports up to a maximum 128GB micro SD card.

**For Time-Lapse VIDEO only**, each time lapse frame is about 50KB (average) and 16GB can store 16GB/50KB/frame = 320,000 frames.   For continuous shooting with an interval of 1 second per frame, the maximum shooting duration is

320,000 / (60x60) frames/hr = approx. **88 hrs**.

Without using a larger capacity SD card, you can increase the shooting duration by increasing the shooting interval.

**For Video + Photo Sequence**, the memory consumption is going to increase significantly.   Each photo estimates to consume 1MB and each video frame consumes 50KB. The maximum shooting duration for a 16GB SD card will be:

16GB / (1MB + 0.05MB) / (60 x 60) = approx. **4 hrs**.

3. Schedule

Instead of setting the interval and duration manually, it is recommended to use the "Schedule" function.

For a **one-time schedule**, select "Repetition" to Once then select the Start End Time and Interval required.



For **daily schedule**, select "Repetition" to Daily.   Select between Infinite and Customized in "Day" which tell the camera to repeat the task infinitely or based on customized number of days.    By selecting "Add a Time Slot" you can set up to 6 time slot(s) for shootings.    Please note, the timeslots can't be overlapped.    A time error message will pop up when an overlapping schedule detected.

For "File Saving Options", you can choose between

| Combined | Consolidate all scheduled video assets into one file |
|----------|------------------------------------------------------|
| Per Time Slot | Create one video file based on the defined timeslot |
| Per Day | Consolidate video assets based on Day into one file |

**Special Note:** Under "Combined" and "Per Day" Schedule, user will not be able to preview the video asset until the repeated task(s) has/have been completed.   User might be able to preview the video asset between schedules.