



## The new RamperPro firmware 3045 supports the Panasonic GH4 and ND filters

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[1]

We have just release the latest 3045 firmware for our unrivaled [RamperPro time lapse controller](#) [2]. This new firmware now includes full support for the mirror less Panasonic GH4 camera. This is the first non Nikon or Canon camera that can be used with the RamperPro. A big advantage of the GH4 is that it doesn't feature a mechanical shutter. This makes this camera ideal for time lapse photography because there is no shutter wear.

This firmware also supports ND filter support. You can now use up to 5 ND filters with your RamperPro. That makes it possible to get longer shutter speeds to get a more motion blur. The ND filter support adds the following features to the RamperPro:

- You can pre-define up to 5 ND filters. Filters can be enabled/disabled for use during a shoot
- The simulation mode will calculate how many filters will be used based on all other settings
- There is a new notification center that will show automatically two minutes before you need to add or remove a filter. This page will show the estimated amount of time before an ND filter action is required.

The new notification center will also estimate when you manually need to switch the camera to



manual or bulb (on a Canon).

Other things that are changed are some minor bug fixes and better USB support for some cameras.

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