The RamperPro now has a new highly accurate light sensor algorithm

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[1]

We are very happy to announce a new highly advanced light sensor algorithm for our RamperPro timelapse controller [2]. We already included a few important modifications in the previous firmware; but we were able to improve the firmware even more. The new light sensor firmware is very capable of really following a sunset by combining the new light sensor algorithm and the histogram analysis of the RamperPro. This way the RamperPro can keep the histogram to the far right as possible (or as desired by the operator). This leads to brighter sequences without the chance of blow-out parts. The following test sequence shows the output of our new approach. This new algorithm is even capable of ramping into stars during low light conditions where the sensor is unable to measure light in a reliable way; conditions where your camera is also unable to measure light!

This is a shot over 16 stops that started at 1/200 and ISO 100 and ended at 15 seconds and ISO 2000. The RamperPro was left unattended; this shoot is made completely automatic by the RamperPro. Now post productions was used; we only used the very accurate XMP files that are created by the RamperPro to correct the images in Lightroom.

Full auto 16 stops ramp with the new RamperPro light sensor software [3] from ElysiaVisuals [4] on Vimeo [5].

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