Fujifilm GFX100 now supports 4K 16:9 RAW video output via HDMI to Atomos Ninja V*1

LONDON, UK 30th June 2020 - FUJIFILM Corporation is pleased to announce that new firmware version 2.0 has been released that will enable the Fujifilm GFX100 to output 4K RAW video up to 29.97p via HDMI to an Atomos Ninja V 5" HDR monitor-recorder. This footage is then encoded into 12-bit Apple ProRes RAW for compatibility with a wide range of grading and editing software,

Thanks to the successful collaboration between Fujifilm Corporate and Atomos, the GFX100 and Ninja V combination will become the world's first Medium Format sensor digital camera system to record 4K RAW footage that is available to own.

The GFX100 boasts a 100MP 4:3 ratio Medium Format CMOS sensor that is 44mm x 33mm in size (∅54.78mm) and can record 4K video at up to 29.97p using the following imager sizes:

- UHD 4K 16:9 (43.6mm x 24.6mm, ∅ 50.06mm)
- DCI 4K 17:9 (43.6mm x 23.1mm, ∅ 49.37mm).

Both shooting modes can use 29.97p, 25p and 24p frame rates and a choice of 400Mbps, 200MBps, 100Mbps bit rates. Currently only UHD 4K 16:9 output will support RAW output.

The look of large format video has become very popular in high-end production, allowing longer focal lengths to be used to retain the same angle of view therefore changing image


perspective and narrowing depth of field. This gives cinematographers further control over their creative expression, as well as the the ability to use excellent lenses such as the FUJINON Premista large format cinema zoom lenses*2. The GFX100 sensor is larger than any current "large format" cinema cameras as well as classic Vista Vision motion picture film. Coupled with the Atomos Ninja V and Apple ProRes RAW,

this system gives filmmakers a whole new way to shoot.

By harnessing the power of RAW, the resulting images have amazing depth, detail for post-production - ideal for HDR finishing or to give greater flexibility in Rec 709 SDR.

Simultaneous output of RAW via HDMI while recording Film Simulation / F-Log / Hybrid Log Gamma (HLG) internally is also available.
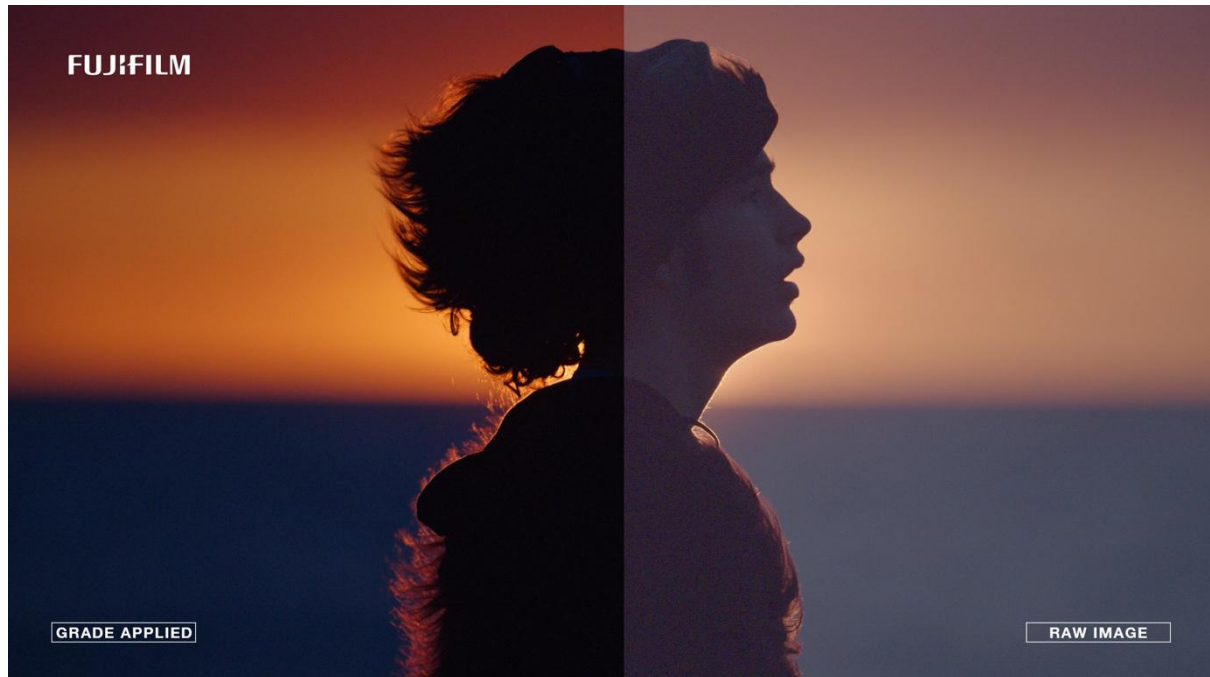
Jallo Faber / 2020

The GFX100 and Ninja V create a simple to use large format camera system with In-Built Image Stabilization that is small and light enough to hand hold, place in tight corners or mount onto gimbals or drones. When coupled with compatible gimbals or drones, users can start / stop recording, specify exposure settings, and make focus adjustments remotely.

TV drama, indie films, corporate productions, documentaries and even motion pictures can now utilise the GFX100 and Ninja V to get the distinctive "larger than full frame" look.

Atomos Ninja V
The Atomos Ninja V features an accurate 5" 1000nit HDR high brightness screen that will allow users to view the GFX100 RAW signal in HDR in a choice of HLG and PQ (HDR10)

formats. The monitor also offers touchscreen access to tools like waveforms, magnify or engage peaking check focus for each angle and make any adjustments to get the perfect shot. A free AtomOS update to enable GFX100 compatibility will be available from Atomos in July 2020.

VIDEO AND STILLS

Example footage:

Test film by Swedish DP Jallo Faber:
https://www.youtube.com/watch?v=jUKWXQz034E

BTS of Jallo Faber film:
https://www.youtube.com/watch?v=NVTuEgT3sXo

Test footage by Jake Polonsky BSC
https://www.youtube.com/watch?v=SKDbjeUIxqE

Product images:
https://drive.google.com/drive/folders/13lzA4lCSiHThx6lxxbV7J3mI2SbAqihn?usp=sharing

*1 Atomos Ninja V requires a firmware update which is expected in July 2020
*2 Requires use of a PL mount for GFX

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