Press release:

Atomos and Z CAM release 5.8K and 4K ProRes RAW recording and camera control for E2 series cinema cameras

June 30, Melbourne, Australia: Atomos and Z CAM have today enabled **12-bit 5.8K Apple ProRes RAW over HDMI** recording on the Ninja V HDR monitor-recorder in combination with the Flagship series **Z CAM E2-F6, E2-F8 and E2-S6** large sensor cinema cameras, as well as 4K ProRes RAW recording from the Micro 4/3 **E2, E2-M4 and E2 C** models.

Atomos have also released new camera control functions for all Z CAM models that allow key functions to be set from the Ninja V via the monitor's touchscreen. The Ninja V connects via USB-C and allows two-way communication for a range of controls such as record start/stop, iris, shutter speed, ISO and eND. The Control feature works whether recording internally in the camera, or externally to the Ninja V. The camera constantly updates the Ninja V with the value of each setting, which is in turn displayed clearly on the monitor. As a result you can now record ProRes RAW from the camera and still be able to control main camera functions at the same time on the Ninja V screen. To use the feature will require an appropriate interface cable - either the existing Atomos Serial to
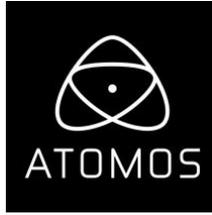
USB cable with a USB-A to USB-C type adapter, or a new dedicated Atomos control cable that will be available in Summer 2020 as an optional accessory.

The Ninja V can record 5.8K ProRes RAW at up to 29.97p and up to 4K (UHD) up to 59.94p from all three Flagship models: the E2-S6, E2-F6 and E2-F8. The E2 and new E2-M4 will output RAW at up to DCI 4Kp59.94 for recording in ProRes RAW. The E2C can output RAW at DCI 4K 29.97p to the Ninja V. The frame rates available for RAW over HDMI recording vary depending on the camera model.

Frame from Dan Ludeman film 'Planting' shot on Z CAM E2 and Ninja V in ProRes RAW

Atomos CEO Jeromy Young said: "*Z CAM and Atomos have a shared vision to create industry-leading technologies at affordable prices. Our collaboration on RAW recording and camera controls for the E2 series and Ninja V demonstrates that by working together we are able to offer a tightly integrated camera system that really delivers for our users.*

"This is also the first time we have implemented camera control from our products and I'm delighted that is with Z CAM. The combination of Z CAM's advanced small form-factor camera bodies and Atomos Controls, plus RAW recording and HDR monitoring is hard to beat."

Kinson Loo, CEO of Z CAM said: "*We are glad to extend Apple ProRes RAW support to cover the Z CAM E2 series with the help of Atomos. The new combinations open up a lot of opportunities while meeting high-end production requirements. How good is ProRes RAW recording on Z CAM with Atomos? Seeing is believing!*"

Support for RAW over HDMI is now available or announced for cameras from Panasonic, Fujifilm, Nikon, Sigma and Z CAM. This is in addition to several Sony, Canon and Panasonic cinema cameras that already support ProRes RAW recording via SDI to Atomos monitor-recorders. As a result, ProRes RAW is now firmly established for RAW video capture, with many more cameras due this year.

These options are available immediately in a free AtomOS 10.5 update from Atomos and firmware update 0.96 from Z CAM.

Watch behind the scenes of Z CAM E2-F6 + Ninja V ProRes RAW film 'UN/SEEN' by James Tonkin here and the actual film in HDR here and SDR here.

Z CAM E2-S6 + Ninja V ProRes RAW film 'Elle and Flash' by Dan Ludeman here and Z CAM E2 + Ninja V ProRes RAW film 'Planting' here.

About Atomos

Atomos exists to help creative professionals cut through technology barriers by creating easy to use, cutting-edge 4K and HD Apple ProRes monitor/recorders. These products give video professionals a faster, higher quality and more affordable production system, whether they create for social media, YouTube, TV or cinema. Atomos continues to demonstrate its commitment to putting users first through continual innovation at amazing price points. The company developed the AtomOS operating system dedicated to video recording with an elegant and intuitive touchscreen user interface and was also the first to implement the professional Apple ProRes RAW format for recording with cinema cameras. Atomos is based in Australia with offices in the USA, Japan, China, UK and Germany and has a worldwide distribution partner network.

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