



Release Notes

AtomOS 10.53

Sigma fp and FujiFilm GFX100 HDMI RAW

NINJA V



Important Note:

With the installation of this update if not previously activated users will be required to activate ProRes RAW, as a codec. Following the Firmware update, when a RAW source is plugged in, or a user selects ProRes RAW Codec, a UI pop-up will ask for activation code to continue.

Visit Atomos website www.atomos.com/activation and follow the online instructions to generate a code.

Available functions:

SIGMA fp

- **Video modes available for monitoring and recording in 12 Bit RAW:**

- 4096x2160p24
- 3840x2160 up to 30p
- 1920x1080p up to 119.88p

- **Video modes available for monitoring and recording in 10 Bit ProRes 422 or DNx:**

- 3840x2160 up to 30p
- 1920x1080 up to 119.88p

Monitoring of RAW input in:

- Native - Linear to VLog for use with 3D LUTs - can use any existing VLog LOOK LUTs
- Rec709 - to view RAW input in SDR up to 6.7 stops of dynamic range
- HLG - to view RAW in HLG with up to 10.5 stops of dynamic range
- PQ - to view RAW in PQ/HDR10 with up to 10.5 stops of dynamic range, for scenes with extended spectral highlights.

- **Playback of recorded video in ProRes RAW, ProRes, and DNx**

FujiFilm GFX100

- **RAW modes available for monitoring and recording in 12 Bit RAW**
 - 3840x2160 up to 30p
- **Video modes available for monitoring and recording in 10 Bit ProRes 422 or DNx:**
 - 4096x2160 up to 24p
 - 3840x2160 up to 30p
 - 1920x1080 up to 60p
- **Monitoring of RAW input in:**
 - Native – Linear to Vlog for use with 3D LUTs – can use any existing Vlog V Gmout LOOK LUTs.
 - Rec709 – to view RAW input in SDR up to 6.7 stops of dynamic range.
 - HLG – to view RAW in HLG with up to 10.5 stops of dynamic range.
 - PQ – to view RAW in PQ/HDR10 with up to 10.5 stops of dynamic range, for scenes with extended spectral highlights.
- **Playback of recorded video in ProRes RAW, ProRes 422, and DNx.**

Known limitations

SIGMA fp

- In some instances when using LUTs banding artifacts may be observed in some areas of the display on the Ninja V for 4KUHD video modes. (This behaviour is only limited to the display of the Ninja V and not the recordings).
- On occasion if the camera is powered down whilst connect to the Ninja V and set to RAW mode, the Ninja V may enter a locked state.
 - Switch between Record and Play back mode, Unplugging and re-plugging the HDMI, or Power cycling Switching will all resolve this issue.
- ISO metadata reported in Final Cut Pro X may occasionally be incorrect if using 1/3 EV ISO adjustments on the camera.
 - Incorrect for camera ISO setting 1000, 8000, 16000.
 - Update in future firmware release for camera.
 - White balance adjustment is not available in Final Cut Pro X.

FujiFilm GFX100

- Interaction with the EVF eye sensor may cause freeze frame or black frames in the recording.
 - Not using the EVF or tilting the LCD screen can resolve the issue.
 - Removal of the EVF from the camera is advised to avoid issue.
- White balance metadata is not reported in Final Cut Pro X.
 - Update in future firmware release for camera and Ninja.
 - White balance adjustment is not available in Final Cut Pro X.

General

- RAW to HDR HDMI output - PQ / HDR10 output conversion may appear slightly incorrect.

Fixes

General

- Fixed an issue where there was a chance that the display could look incorrect if switching from a RAW to YCbCr signal in ProRes RAW mode.
- Replaced YCbCR Input icon - When RAW is connected to the ninja an icon will be displayed “RAW input” if the Ninja V is set to a video codec such as ProRes or DNx. If video signal is connected to the Ninja V when the codec is set to ProRes RAW the icon “Not RAW input” will be displayed
- DID is displayed with slashed zero to avoid typo errors when activating Apple ProRes RAW or Avid DNx.