



Release Notes

AtomOS 10.52

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 popup 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:

Monitor and record RAW over HDMI from the Panasonic Lumix S1H

- 5.9K ProRes RAW recording in 12Bit RAW up to p30 and loop out in UHD or HD*.
- 4.1K ProRes RAW recording in 12Bit RAW up to p60 and loop out in UHD, 4KDCI or HD.
- 3.5K (4:3) ProRes RAW recording in 12Bit RAW up to p30 and loop out in UHD or HD.
- Monitoring of RAW input in:
 - Native - Vlog for use with 3D LUTs for monitoring
 - When monitoring with 3D LUT please use the LUT provided by Panasonic LUMIX Global Customer Support website: <https://av.jpn.support.panasonic.com/support/global/cs/dsc/>
 - Rec709 - to view RAW input in SDR up to 6.7 stops of dynamic range.
 - HLG - to view RAW in HLG with up 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.
- Added the ability to loop out V-log when monitoring or recording RAW from the S1H.
- Playback recorded 5.9K, 4.1K, 3.5K (4:3) ProRes RAW video.

Additional features:

- 4k ProRes or DNX Video recording in 10bit up to p60 from the Panasonic Lumix S1H.
- Added a warning to let you know when your camera battery is running low, when using camera controls with a supported Z Cam.
- Added the ability to trigger recordings both from the camera and the Ninja, when using the camera controls feature when using a supported Z Cam.

Known limitations

General

- RAW to HDR HDMI output conversion may appear slightly incorrect.
- A chance that the display could look incorrect if switching from a RAW to YCbCr signal in ProRes RAW mode.

Fixes

General

- Fixed a bug where the zebra thresholds did not display correctly for the 100% and 105% slider values.
- HDMI input locking stability improvements.

Z Cam

- Stability improvements while recording RAW with camera controls enabled.
- Fixed an issue for 6K RAW recordings where the last line of the recording could be occasionally incorrect.
- Fixed an issue where the camera would stop recording if the Ninja V ran out of media.

*Only HD loop out is available for 5.9Kp30 from the SIH while monitoring and recording ProRes RAW.