



ATOMOS FIRMWARE UPGRADE



SHOGUN INFERNO 8.4 RELEASE NOTES

Features:

- ✓ Added support for Panasonic Varicam LT 10-bit RAW 2kp100/120/200/240 to ProRes & DNx.
- ✓ Added support for Panasonic Varicam LT 12-bit RAW to CDNG up to 4kp30.
- ✓ Added support for Panasonic Varicam LT 10-bit RAW 2kp100/120 to CDNG.
- ✓ Added PanaRAW gamma and gamut options in HDR playback.
- ✓ Added an option to embed Analog audio into the loop out signal:
 - Turn on "Embed Analog audio" in the Audio menu.
 - Select which channel to embed by clicking on the "A" button.
 - The embedded channel will replace the existing channel on the loop out.
 - Audio meters will continue to show the input signal.
- ✓ Added File metadata to .mov files for Rec.2100 modes (PQ and HLG) when ATOM HDR monitor mode is enabled.
This enables Auto NLE workflows & HDMI HDR standard flag insertion.
- ✓ "Auto HDR" option added in the ATOM HDR options (Support for PQ/HLG and BT.709/BT.2020):
 - Activates reading of standard HDMI HDR flags from sources.
 - Enable this option when using a PQ or HLG workflow (eg. PS4 Pro and Microsoft Xbox).
 - The HDMI input will decode HDR info frames from HDMI inputs and automatically configure the gamut and gamma.
 - The HDMI output will also transmit the correct HDR info frames to the downstream monitor for PQ and HLG.
 - In playback the .correct HDR mode will be automatically configured based on the .mov file metadata inserted.
- ✓ Added HDR support for RED Log3G10, REDWideGamutRGB to support the IPP2 colour pipe line.
- ✓ Added HDR support for Hybrid Log Gamma for Sony FS5, Z150 & Panasonic GH5.

Bug fixes:

- Improved file system performance for Atomos 4kRaw 2TB SSD to eliminate split files.
- Fixed an occasional issue where audio recorded on channels 5 to 8 was corrupted when received from some equipment.
- Fixed an issue where audio noise was introduced from sources such as Nikon D800 and Microsoft XBOX.
- Fixed an issue where audio did not work on HDMI loop out at 4kp50 and 4kp60 with some TV's.
- Fixed an issue with SDI output where audio was noisy when connected to some older devices.