



Release Notes

AtomOS 10.43

SONY ILME-FX6V - RAW over SDI

SHOGUN 7



Important Note:

With the installation of this new update ALL users will be required to activate ProRes RAW, as a codec (as they would have done for DNx activation).

Following the Firmware update, if in ProRes RAW mode the Shogun 7 will default back to ProRes HQ. When a RAW source is plugged in, or a user selects ProRes RAW Codec, a UI popup will ask for activation code to continue.

Even if the user has already been shooting with ProRes RAW, they must activate it in this update by visiting Atomos website atomos.com/activation and follow the online instructions to generate a code.

New features:

RAW Recording

- **4k DCI (17:9)**

- Resolution: 4096 x2160
- Imager Scan Mode: FF
 - Frame rates: 59.94, 50, 29.97, 25, 24, 23.98
 - S&Q frame rates: 1-60

- **4k UHD (16:9)**

- Resolution: 3840x2160
- Imager Scan Mode: FF
 - Frame rates: : 59.94, 50, 29.97, 25, 24, 23.98
 - S&Q frame rates: 1-60

ProRes and DNx Recording:

- **Recording video output of the camera HDMI 2.0 and SDI 12G, 6G, and 3G**

- 4kDCI (4096x2160) at 59.94, 50, 29.97, 25, 24, 23.98
- 4kUHD (3840x2160) at 59.94, 50, 29.97, 25, 23.98
- HD (1920x1080) 59.94, 50, 24, 23.98
- HD interlaced (1920x1080) at 50i, 59.94i

NOTE: 4k Video modes are not available when using Imager Scan mode S35.

AtomOS Monitoring Settings:

- Native - Linear to Slog3 or use with 3D LUTs - can use any existing Slog3 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 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.