



The 8K Monitor

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We Wrote These...

IntoPIX Highlights TICO-RAW and JPEG-XS Advancements (Part 1)

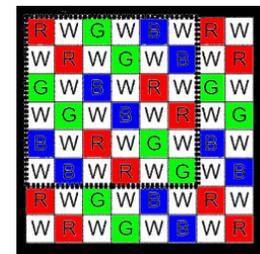


IntoPIX's TICO-RAW lightweight compression technology can significantly reduce the RAW data bitrate when dealing with high-resolution camera sensors.

In this first part of two, we talk to Jean-Baptiste Lorent, intoPIX's Chief Sales, and Marketing Officer to provide some background on intoPIX and discuss their new enhancements to the TICO-RAW codec. Read the article by Ben Schwarz [here](#).

A 12K Sensor Isn't Necessarily a 12K Camera

We recently wrote about Blackmagic Design's 12K camera that retails for \$6K. Renowned cinematographer and camera developer Pawel Ahtel wrote to push back on calling this device a 12K camera. We summarize his argument, which is based on independent testing to question the camera's sharpness claims. Read Chris Chinnock's article [here](#).



Our Comments on These...

Intel Unveils 12th Gen Intel Core, Launches World's Best Gaming Processor, i9-12900K

We've barely had a few weeks to digest the news about Apple's new M1 Max chip and its relevance for 8K workflows. Intel already has come out with bigger guns, especially as their multi-cores are also multithreaded, unlike Apple's silicon. Both technologies have now adopted the combo of Efficiency cores and Performance cores. Preliminary benchmarks show the PC world will remain



ahead in terms of raw power. Apple only looks competitive now when rendering 8K from ProRes thanks to Apple Silicon's hardware acceleration. However, if you need to edit 8K and render on battery power, the new MacBook Pros are a quantum leap ahead of PCs. Read the news from Intel's site [here](#).

Apple's mixed reality headset might play 'high-quality' VR games

As usual, file this in the rumor category. However, with the release of the new MacBook Pro/Pro+ and Final Cut Pro editing software all supporting 8K production, the pieces are starting to align for Apple to be a supporter of 8K. A VR headset with twin 8K resolution panels would be a beast for content creation, delivery, and display, but solutions are emerging that will support this in the coming years. Read Engadget's story [here](#).



Everyday Astronaut Captures Rocket Launches With Blackmagic Studio Camera 4K Pro and URSA Mini Pro 12K



This dedicated channel uses a full suite of Blackmagic Design products, including the URSA 12K camera, to create a high-quality 4K feed. They note the ability to capture rocket launches at 120 fps and reframe a stabilized shot is a huge benefit of the 8K capture. Read the rAVe [PUBS] / case study [here](#).

We Also Read These...

[Planning a 16K Live Stream...](#) (our October article is [here](#))

[Sharp's 8K Interactive Museum Solution Wins 2021 Design Intelligence Award](#)

[Media Links Update on Interoperable WAN/LAN JPEG-XS Compressed Video Transport](#)

[Sony Could Finally Be Making Good On 8K Gaming With New Image-Upscaling Patent](#)

