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## We Wrote These...

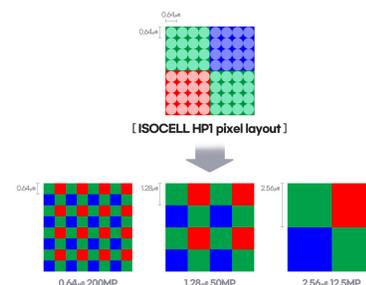
### AI for Encoding Coming in Different Phases



AI is coming to encoding in two phases is the message from Thierry Fautier, VP of Strategy at Harmonic. The first phase will focus on artificial intelligence (AI) and machine learning (ML) techniques using existing codecs such as AVC, HEVC, AV1, and AVS3. The second phase will focus on newer codecs like VVC and AV2. Read Chris Chinnock's summary of his discussions with Fautier on AI in encoding that has already started with Content-Aware Encoding or CAE [here](#).

### Samsung Develops 200 Mpixel Sensor for Mobile Devices

Samsung has announced a new camera sensor for mobile applications that can record 8K/30p video. The ISOCELL HP1 is the industry's first 200MP resolution sensor based on 0.64  $\mu\text{m}$ -pixels and new pixel-binning technology called ChameleonCell. A companion ISOCELL GN5 is the first image sensor to adopt all-directional focusing Dual Pixel Pro technology. [Continue reading ...](#)



### JVC Launches e-ShiftX Line of 8K Home Cinema Projectors



While JVC uses native 8K resolution D-ILA microdisplays in a simulation projector, the newly announced consumer-oriented ones use a set of 4K native resolution microdisplays with a pixel-shifting element. The 8K/e-ShiftX technology in two of the three new projectors is an upgrade to the previous e-Shift technology. It improves the image by increasing the image shifting from two positions per frame to four. [Continue reading.](#)

## Our Comments on These...

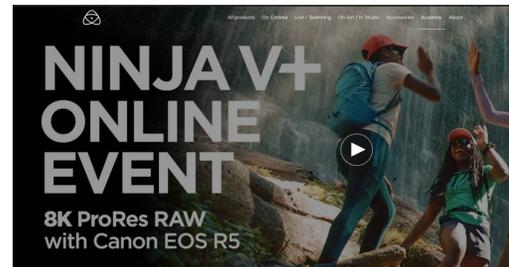
### Webinar: How Media Players Push Boundaries with 8K



This webinar discusses digital signage systems, mainly through a new product, the SI-654-N from IBASE, which is a new media player designed for 24/7 autonomous digital signage operations. It has four HDMI 2.0 outputs which each support 4K. The player can thus be used to power an 8K screen by combining the outputs. You can get to the webinar [here](#).

### Filmmaker Interview on ProRes RAW Shoot

Last week we recommended the live Atomos event. In case you didn't make it we did. The event described a filmmaker using a Ninja V+ recorder/monitor to capture 8K ProRes RAW from a Canon EOS5. Outcome: benefits of capturing in 8K, amazing shots, and the ease of manipulating content in ProRes RAW – even on a laptop. You can catch up on YouTube [here](#).



## We Also Read These...

[Yamaha HDMI 2.1 receivers capped to 24Gbps even after board replacement](#)

[Here's what Zelda: Breath of the Wild at 8K + ray tracing looks like](#)

[Samsung Receives Its First Global Carbon Footprint Certification for Logic Chips](#)

(including Exynos 2100 mobile SoC)

