

Dotek Integrates intoPIX JPEG XS for High-Performance ST 2110 8K & 4K Encoding. More to discover at CCBN 2025 !

Achieving ultra-low latency and pristine image quality in ST 2110 production with JPEG XS integration.

Mont-Saint-Guibert, Belgium, April 15, 2025 – [intoPIX](https://www.intopix.com), the leading provider of lightweight low-latency compression technologies, announces that JPEG XS technology is now embedded into Dotek’s latest R8 and R4 Series of ST 2110 UHD encoder solutions, delivering ultra-low latency and pristine image quality for live production.

Dotek has integrated the [intoPIX JPEG XS codec](#) in its flagship R8 Series, a powerful 1U encoder designed for real-time ST2110 JPEG XS IP extension of 4x 12G-SDI, 6G-SDI, or 3G/HD/SD-SDI video signals. Supporting up to 8K resolutions, the R8 delivers visually lossless quality and ultra-low latency, making it ideal for live production and efficient broadcast workflows.

The versatile R4 Series, also powered by intoPIX JPEG XS, offers flexible encoding and transcoding for up to 4K UHD, supporting various SDI configurations.

“With intoPIX JPEG XS, we deliver ultra-low latency and outstanding visual fidelity while simplifying IP-based broadcast infrastructures,” said Xinjian Li, CEO at Dotek. “Thanks to intoPIX, we can now offer cutting-edge solutions tailored to the demands of modern IP-based broadcast infrastructures.”

The integration significantly improves ST2110 bandwidth efficiency while preserving the integrity and precision of the original video — a key requirement for professional media environments handling uncompressed or high-resolution content.

“Dotek’s adoption of JPEG XS illustrates the growing demand for smarter ST 2110 workflows in today’s broadcast and AV installations,” said [Jean-Baptiste Lorent](#), Head of Media, Entertainment Group at intoPIX. “It’s rewarding to see our technology enabling the industry’s move to scalable, low-latency, and high-quality IP production.”

The collaboration between Dotek and intoPIX highlights the increasing industry shift towards JPEG XS for replacing uncompressed video — offering the perfect balance between quality, speed, and efficiency.

Experience Dotek’s latest innovations firsthand at CCBN 2025 in Beijing from April 23-25, 2025.



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About intoPIX

intoPIX creates and licenses innovative image processing and compression solutions. We deliver unique IP-cores and efficient software solutions to manage more pixels, preserve quality with no latency, save cost & power and simplify storage and connectivity. We are passionate about offering people a higher-quality image experience. Our solutions open the way to new imaging workflows and new devices, reducing costs in HD, 4K, or even 8K, replacing uncompressed video, and always preserving the lowest latency with the highest quality.

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About Doteck

Founded in 2001 and based in Beijing, China, Doteck is one of the leading manufacturers in the field of fiber optic transmission equipment. Specializing in the development and design of high-quality video and audio transmission solutions, Doteck offers a wide range of products including 4K UHD video fiber transmission systems, UHD 4K encoders, HD multimedia fiber extenders, video/audio converters, and splitters. With a strong commitment to technological innovation, Doteck continues to develop cutting-edge products for customers around the world.

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