Features to love

Versatile Format Support
Encodes and decodes all major live formats including H.262, H.264, HEVC, JPEG-XS TR07, JPEG2000 TR01, and NDI in one device.

Advanced Image Processing
Supports cropping, padding, and logo insertion for any form of live production.

Synchronized Multi-Channel Transport
Seamless handling of multiple camera feeds in sync.

Multi-Output & ABR
Single input to multiple outputs in varied formats, including direct encoding to Adaptive Bitrate (ABR) ladders.

Low Latency
Optimal performance for remote broadcast production.

Up/Down/Cross Conversion
Enables resolution upscaling, downscaling, and conversion between progressive and interlaced formats.

Live Transcoding
Transcodes across compressed IP formats, extending flexibility.

Robust Hitless Protection
Implements ST 2022-7 for ST 2110, TS, and SRT ensuring zero packet loss.

3rd party integration
Easy insertion into existing workflows via REST API.

Centralized control
Set up, manage and control hundreds of streams from a single console via REST API or web interface and monitor them via SNMP.

Twenty-One Encoder
Powerful software-based ST 2110 appliance
Twenty-One Encoder
Software-based ST 2110 encoder and decoder appliance for advanced broadcast production.

PREMIER ENCODING QUALITY AND SPEED
Leverage the world’s fastest and highest quality encoding with JPEG-XS, JPEG2000, and NDI engines in the Twenty-One Encoder. Designed for demanding broadcast contributions, it ensures your content is always pristine and delivered efficiently.

COMPACT YET POWERFUL
Achieve high-density encoding without the bulk—up to 16x 1080i or 8x 1080p channels in a sleek 1RU appliance. The Twenty-One Encoder optimizes space without compromising on power or quality, perfect for any production environment.

OPTIMIZED FOR REMOTE PRODUCTION
Tailored for the dynamics of remote productions, the Twenty-One Encoder offers high-quality, low-latency broadcasting capabilities. Ensure seamless, real-time delivery of content, even in the most challenging remote scenarios.

Request your demo
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