Sencore AFN Platform

CONTRIBUTION ENCODE, DECODE & PROCESSING
AFN-1000/250

The Sencore AFN Platform redefines contribution and remote production video encoding and decoding with it's innovative design and advanced technology. AFN offers a flexible and scalable solution for various video processing applications, ensuring exceptional performance and efficiency. Crafted to streamline workflows and enhance content delivery, the AFN-1000/250 delivers unmatched quality and reliability.

Key Features

Modular Flexibility: The Sencore AFN Platform is built on a modular architecture, allowing you to customize your video processing setup according to your specific requirements. This adaptability ensures seamless integration with your existing equipment, high reliability, and future-proof scalability.

High Density: Maximize your space and resources with the high-density design of AFN-1000/250 modular frames. Accommodate multiple encoder or decoder modules in a single frame, optimizing your workflow and reducing the need for additional rack space.

Advanced Encoding: Benefit from advanced video encoding capabilities that enhance content quality, resolution, and clarity. AFN encoders support a wide range of SDI inputs including 12G and also formats, codecs, and resolutions, including UHD/4k and HEVC/H.264/MPEG-2, ensuring your content is optimized for various distribution platforms.

Ultra Low Latency: Satisfy time-critical requirements by utilizing AFN to provide encoding and decoding with among the lowest latency delivery in the industry.

Essential I/O and Multiplexing: Mix and match services, effortlessly PID filter, and modify tables with advanced multiplexing capabilities. Flexible encoder inputs with 12G-SDI, 4x3G-SDI, 3G-SDI, HD-SDI, and SD-SDI. Dense ASI and IP inputs and outputs, including UDP, RTP and SRT streaming, allow for a all the needed broadcast system interconnects. Built-in BISS scrambling and descrambling, including BISS-CA, provides proven content protection.

Intuitive Management: Effortlessly manage and monitor your video processing workflows through a user-friendly interface. The integrated management system provides real-time insights into system performance, allowing for efficient troubleshooting and maintenance.

Future-Ready: Keep up with technological advancements by investing in a solution designed to evolve with the industry. AFN modules support firmware updates and hardware expansions, ensuring your investment remains relevant over time.

Applications

News Gathering: Get the scoop securely and timely with Sencore's hardware-based, multi-codec AFN encoders and decoders. Transmit to and from the studio in UHD with ultra-low latency with portable, small form-factor chassis.

Contribution Encoding: Optimize your contribution encoding operations by leveraging the AFN platform. Enhance the quality of live broadcasts, streamline content delivery, and adapt to varying broadcasting standards seamlessly.

Remote Production: Transform your production workflows with the AFN platform. Process and manipulate video content in real-time, enabling post-production teams to create visually stunning and polished content. Optimize bandwidth usage, improve signal quality, and achieve seamless integration with existing network infrastructures.