

Sencore Afiniti Platform

CONTRIBUTION ENCODE, DECODE & PROCESSING
AFN-1000/250

The Sencore Afiniti Platform redefines contribution and remote production video encoding and decoding with its innovative design and advanced technology. Afiniti 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 Afiniti 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 Afiniti 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. Afiniti encoders support a wide range of 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 Afiniti 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 the advanced Afiniti multiplexing capabilities. Dense ASI and IP inputs and outputs, including UDP, RTP and SRT streaming, allow for 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. Afiniti 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 Afiniti 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-1000/250. 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-1000/250. 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.