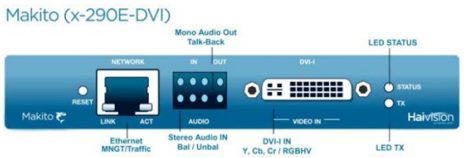
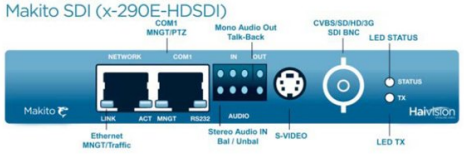
MAKITO ENCODER

The Makito is perfectly suited for today’s and tomorrow’s challenges. The Makito is based on the highly efficient H.264 compression standard saving over 50% of the bandwidth and disk space required by MPEG-2 IP video deployments. It supports HD up to 1080p60 (component analog or digital) or computer resolutions including 1920x1080, 1280x1024, and 1024x768 at full frame rate (RGB or DVI-D) input via its DVI-I connector. The Makito SDI supports SDI, HD-SDI, 3G-SDI (the new standard for 1080p60), and composite on a single BNC. S-video for standard definition is also supported. With this array of compatibility, the Makito addresses video-over-IP encoding anywhere on a resolution/ bandwidth scale from CIF as low as 150 kbps to Full HD at 15 Mbps.









Cena:

Kategorie: Broadcast, Encodowanie i Streaming

OPIS

5 times the density

10 times as energy efficient – much more powerful – extremely fast!!! The Makito is based on Haivision’s progressive ASIC / DSP mini-blade architecture. It is available as an ultra compact appliance for single channel encoding or within a 1RU or 4RU chassis for highdensity challenges. The Makito uses 1/5 of the rack space and 1/10 the power (green technology) and delivers twice the resolution of typical 1RU encoders. To complete the picture of the revolutionary power of the Makito, it encodes up to 1080p60 video into H.264 in well under 70 milliseconds.

"Encode Once" technology

The Makito marries the most advanced IP video networking features with the power and ubiquity of the H.264 standard. This allows users to address many network video destinations and delivery methods simultaneously. A single Makito can stream to many distinct network client “destinations” simultaneously, with each video stream specifically groomed. Client destinations may include local multicasts (addressing unlimited numbers of users, players, or set top boxes), remote unicast destinations (the WAN typically supports point to point unicast traffic), streams directed at specific streaming server systems (such as the powerful Wowza Media Server™ for Flash and other standards), and streams managed by Haivision’s Furnace IP video distribution system. Furthermore, the Makito supports HiLo-Streaming™ – the ability to produce both a full resolution full bandwidth stream and a reduced resolution low bandwidth stream simultaneously (perhaps, for example, HD at 8 Mbps and SD at 700 kbps). The combination of these two features allows users to encode once with the Makito and deliver the best high definition video to wherever it is needed.

Easy

Although the Makito is complete with the latest compression and networking features it remains an easy to use and deploy, robust appliance. Users can control the Makito through its intuitive web interface (complete with on-line help facilities). Integrators may opt to control the Makito over IP or serial port via its comprehensive command line interface or even through SNMP. Advanced encoder control is also available directly through Haivision’s

Furnace system.

Directly Integrated with the Furnace & Absolutely Secure

The Makito also supports very advanced features such as traffic shaping, forward error correction, and encryption. Supporting AES encryption ensures that even in multicast environments your video content is absolutely secure. When combined with Haivision’s Furnace IP video distribution system and InStream™ “zero footprint” desktop player technology, you get end-to-end confidence that only those who are allowed to view specific content can access that content, and that they cannot record or copy that content directly in any way.

Open & Standards Based

The Makito fully supports H.264 video compression and AAC audio compression, industry standards that have been adopted by all major companies in the IP video segment. End-to-end solutions rely on seamless interoperability. Haivision’s applications team takes compliance and third party and quality assurance testing seriously. The Makito is interoperable with industry standard set top boxes, with HaiPLAY (Haivision’s open source free performance soft player), VideoLAN’s VLC player and Apple QuickTime. With the release of Haivision’s Furnace system, the Makito is also integrated with and compatible with the Furnace Portal Manager, the InStream player, and the Stingray™ set top box, providing a complete end-to-end HD H.264 IP video distribution solution.