

ZeeVee's Streaming Video Solutions Support Wide Range of Industry Applications

Superior Performance and Reliability for the Delivery of Television Programming, Digital Signage and Other Types of User-Generated Content on an IP Network

LITTLETON, Mass., May 18, 2020 — As the breadth of applications requiring high performance and reliable streaming video grows, [ZeeVee, Inc.](#) has built a line of products that quickly and easily deliver television programming, digital signage or any other type of user-generated content to any screen on an IP network.

The company's streaming product offerings include the H.264 Media Module (quad encoder blade) for the HDbridge 3000 encoder, ZyPerMX2 and ZyPerMX4 H.264 encoder appliances, STBi3 set top box and the ZyPerMX Player (EPG). You can download an image of the family of products here. (A photo caption can be found at the end of this release.)

"Streaming video remains one of the cornerstones of our business, particularly in mission-critical verticals such as higher education and K-12, restaurants, hospitality, retail and corporate enterprise markets," said Art Weeks, director of product management, ZeeVee. "Our engineering team has been ahead of the streaming trend and continues to provide us with the products that meet marketplace needs for high-performing yet cost-effective content distribution."

H.264 Media Module for HDbridge 3000

The H.264 Media Module can be hot-swapped into the HDbridge 3000's chassis, providing a reliable and flexible way to deliver four channels of H.264 (MPEG-4) streaming. The modular HDbridge 3000 encoder can also be populated with additional blades/modules that can perform RF modulation and MPEG-2 streaming—making this a simple, flexible and cost-effective solution for the creation of hybrid digital headends for customers who have a variety of AV sources and displays.

HDbridge 3000's built-in management software makes it simple to set up and manage channels and content, including DirecTV, from anywhere on the network. Select media modules offer an extra channel, called ZvShow, that enable the looping of customized content.

ZyPerMX2 and ZyPerMX4 Encoders

The ZyPerMX2 and ZyPerMX4 can stream up to two or four sources of multiple streaming formats simultaneously over IP networks and greatly expand the range of devices each channel can support. In addition, they support HLS, RTP, UDP and RTMP, the most used protocols for live streaming on sites such as Facebook Live, YouTube Live and other popular content distribution networks. This protocol support extends the ways customers can use ZeeVee products for streaming live content and gives them the freedom to choose the distribution method – direct or via a CDN – that suits any situation. The ZyPerMX2 and ZyPerMX4 integrate with Wowza media systems.

They also support AAC, a widely used and often preferred audio compression format, in addition to supporting MP2 and AC3 formats. By recently making key features available via a free firmware upgrade, ZeeVee gave customers already using these encoders new capabilities without additional cost, following the company's approach to offering value to integrators and end-users whenever possible.

ZyPerMX Player

The ZyPerMX Player, a web-based multicast player, delivers an engaging television-like experience on the desktop for distributed content, which can include live broadcast TV, movie channels or in-house programming – all without having to install software. The player is also available with an optional electronic programming guide, which dealers can offer to customers for a monthly or annual fee. The programming guide is fully customizable to correspond to the client's content offerings and programming schedule.

STBi3 Set Top Box

ZeeVee's new STBi3 set top box supports playback from both IP and RF sources and is designed for bulk video distribution or IPTV type applications and greatly simplifies AV over IP streaming. It can be used in conjunction with the ZyPerMX2 and ZyPerMX4, as well as the H.264 Media Module for the HDbridge 3000. This provides an easy and affordable way to create a digital head-end for distributing large numbers of AV sources to an unlimited amount of displays.

The STBi3 supports UDP and RTP streams (with MPEG-4 encoding), as well as QAM and ATSC 2.0 for the North American market. It is the only set top box that offers Power over Ethernet (PoE) and scales video up to 4K/60 for compatible monitors. Deployments are simplified thanks to auto-discovery of ZeeVee generated IP streams that enable simple plug-and-play connectivity to the network for viewing channels. The STBi3's architecture also allows for easy expansion as system requirements change.

ZeeVee Video Streaming Solutions Endorsed by Integrators and End-users

ZeeVee's video streaming solutions have been embraced broadly by the industry.

"We used ZeeVee ZyPerMX2 and ZyPerMX4 encoders as a way to get video signals that live on a secure military network into our video wall system without breaching their protocols and compromising the site's security," said Billy Farah, chief technology officer of Americon, a leading control room, call center, and emergency operations center design firm based in Camarillo, California. "We chose these encoders because they're small, powered by POE and easy to manage and setup. In addition, they are far less expensive than the alternative, PCs with HDMI capture cards. They also reduce the number of failure points, which makes our systems more robust and reliable. Once installed, they did everything we expected them to do."

"ZeeVee HDbridge 3000 encoders were selected to distribute our TV channels throughout our London office, as well as for other content distribution," said Brian O'Flaherty, telecoms and AV manager for Paddy Power Betfair, an international sports betting and gaming operator. "Their performance, quality of TV resolution and support from ZeeVee gave us the confidence to immediately implement them for the same purposes in our Cluj office—and we currently plan on doing the same in our Malta office."

"We recently deployed a ZyPerMX encoder and 121 set top boxes for a digital signage extension project at University of Texas at Arlington with great results," said Blake Overton, account executive at SKC, a leading pro AV integrator with eight offices across the U.S. "What made these components particularly attractive were the facts they offered plug-and-play operation and did not require the loading of a channel guide. In addition, they were very cost-efficient."

For more information on ZeeVee's video streaming solutions, please use this [link](#).

About ZeeVee

ZeeVee (www.zeevee.com) is a global pioneer and leader in the development and deployment of AV distribution systems for industrial, commercial and residential applications. As the only manufacturer that can deliver multimedia content over fiber, CATx and coax, ZeeVee has transformed the digital video industry with its award-winning HD to Ultra-HD/4K solutions for the pro AV and IT marketplace. The company offers a variety of innovative, cost-effective and easy to install AVoIP and RF distribution platforms. ZeeVee's technologies and products are installed in thousands of facilities worldwide where there is a need to transport HD/UHD content from multiple sources to multiple displays over long distances. ZeeVee is a founding member of the SDVoE Alliance and a Global Presence Alliance Technology Partner.

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