



Genum Announces GS8101 HDMI/DVI Receiver

Long Reach™ Technology to revolutionize HDMI/DVI interfaces, enabling long cable length and robust digital video and audio

Denver, Colorado – September 14, 2006 – Genum Corporation (TSX: GND), a leading provider of high-quality, professional video solutions, today unveiled the GS8101 HDMI/DVI Receiver with Long Reach™ technology. Representing the next generation of HDMI/DVI receivers, the GS8101 integrates Genum's renowned equalization technology with an HDMI 1.2a / DVI 1.0 / HDCP 1.1 dual-input receiver.

With high definition displays becoming the standard for consumers, focus is now shifting towards native high definition source content (1080i and 1080p) such as those offered by HD-DVD and Blu-Ray. HDMI technology has facilitated the high definition transition, rapidly becoming the preferred and often only method for 1080p connectivity. The GS8101 provides the next step in the HDMI evolution by removing the cable length barrier imposed on installations.

“The GS8101 addresses many of the concerns facing consumers and the industry regarding HDMI and DVI interfaces,” said Craig Thompson, Manager Product Marketing, Image Processing Products at Genum. “The GS8101 allows consumers to use much longer lengths of cabling - up to 30 metres at 1080p, 45m at 1080i/720p and greater than 55m at 480p - without video or audio degradation. The GS8101 provides the highest level viewing experience for discerning consumers and AV professionals.”

Operating up to UXGA the GS8101 supports all standard and high definition DTV resolutions defined in EIA/CEA-861-B and all graphic display standards ranging from VGA to UXGA. Multi-channel audio extraction of up to 8 channels is supported based on IEC60958 or compressed audio formats based on IEC61937. Maximum flexibility is offered with RBG↔YCbCr colour space conversion, 4:2:2↔4:4:4 sample rate conversion and 1- or 2-pixel per clock output modes. The GS8101 conserves power with power down and output mute functions, and has user-customizable features including tunable input termination resistors to improve input return loss matching.

“HDMI/DVI receivers like the GS8101 need to be able to handle a variety of different applications and formats,” said Thompson of Genum. “Up to now a number of issues, including cable length restrictions, poor cable quality and robustness at higher resolutions have held back the widespread use of HDMI and DVI. This product was created to enable long cable length, flexibility and signal robustness.”

For more information and a demonstration of the GS8101, visit Genum at CEDIA EXPO 2006 booth 469.

About Gennum Corporation

Gennum Corporation designs, manufactures and markets industry-leading semiconductors and semiconductor-based products for leading segments of the global video, audio, and data communications markets. The Company's understanding of the unique needs of its targeted markets allows it to deliver high performance solutions that provide superior value. Gennum serves an international customer base from its head office in Burlington, Canada, and subsidiaries in Japan and the United Kingdom. The Company has design centres in Burlington and Ottawa, Canada, and in the United Kingdom.

For more information, please visit www.gennum.com/vxp

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