



News Release

For Immediate Release

California Media Engineering Inc. Announces the “5000” openGear Card

San Luis Obispo County, California, USA – April 6, 2009 - California Media Engineering, Inc. (Cal Media) announces the world’s smallest, most versatile 6+ Second HD Broadcast Delay with Censorship Switching capability. The model “5000” Cal Media openGear card and the “5000-series” related products promise to take the openGear platform to whole new frontiers and capabilities. Fitting on a board with the dimensions of 3” x 13” the “5000” card packs in the power of a 6.2 second 1080i A/V broadcast delay unit (7.1 seconds for 720p and over 30 seconds for SD standards). The card also inputs and outputs 4 channels of AES audio (unbalanced with professional-grade isolation transformers) + 16 channels of embedded audio for a total of 20 audio channels, along with embedding / de-embedding capabilities and the ability to seamlessly switch video and audio independently to auxiliary HD-SDI and AES inputs using 2 separate GPI control inputs. The seamless censorship switching capability, which includes a variable “response time” feature, can also be set to switch video to stored images, test patterns, or black, and each audio channel may be independently set to switch to other audio channels, an audio tone, or silence. The card includes an SD memory card interface for still image storage and easy firmware upgrades.

All settings of the “5000” card are controllable from the JAVA-based openGear Dashboard software via Ethernet which may be easily installed on Windows, Linux or Mac platforms. Custom presets may be stored and activated on the card itself, even after the card has been powered down. SNMP support is planned for the future through future-proof firmware upgrades.

The “5000” card includes a full-featured synchronizer with selectable genlocking together with audio embedding and de-embedding, audio channel matrix routing with independent level adjustments, test pattern generation, and proc amp controls. Audio delay may be adjusted independently for lip sync adjustment. All VANC ancillary data of the primary input signal, including time code and closed captioning, is preserved even during switching of the video and/or audio content.

All “5000-series” cards are proudly manufactured in the United States.

Cal Media together with Ross Video Ltd. recently announced their partnership to expand the openGear terminal equipment platform. A variety of vendors provide a multitude of cards for the openGear platform, and the DFR-8320-CN openGear chassis allows up to 20 hot-swappable cards to be configured in a single, inexpensive 2-RU unit configurable with TCP-IP 10/100 Mb networking and redundant power supplies. Cal Media Engineering will be demoing its OEM technology in the Prime Image Inc. booth at NAB 2009 (Booth No. C10720).

The "5000" full featured card will be released with a list price of \$5,995 (US). More information can be found at www.calmedia.com and www.opengear.tv

About California Media Engineering, Inc.

Incorporated in 2004, California Media Engineering Inc. has provided design services and support for several highly innovative award-winning products utilized in HD television, radio broadcast, and post production. Since 1997, the founders have manufactured equipment and provided excellent uninterrupted customer support to major studios and production companies involved in feature film and television production. California Media Engineering was formed to extend this level of expertise to the broadcast and related industries.

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