DIGITAL SIGNAGE AND VIDEO OVER IP

BRILLIANT SOLUTIONS FOR DIGITAL SIGNAGE

It's the end of an era for the static advertising billboard. Digital Signage is here to stay, representing the future of marketing while providing a dynamic, exciting, multi-media experience.

More and more companies around the world understand the enormous affect of digital signage and the ability to communicate directly with consumers.

Kramer Electronics is introducing a new, cost effective, full-HD Media Player, specifically designed to provide clean and smooth results for digital signage applications.

In addition, Kramer is introducing a new line of professional streaming products for the Digital Signage industry: the new H.264 Encoder and the new HDMI over IP Transmitter & Receiver based on JPEG2000.

KDS-MP1

Digital Media Player

The KDS-MP1 is a high-quality LAN-based digital signage media player. The unit receives content streamed from the network, saved in its internal memory or from an external USB memory stick and displays it with image quality of up to 1080p HD via HDMI, VGA or AV 3.5mm outputs.

FEATURES

- Full HD Support - Resolutions up to WUXGA and 1080p.
- High-Quality HDMI Video and Audio Output.
- Codec Format Support - MPEG-1, MPEG-2, MPEG L2, MP3, H.264/MPEG-4 and VC-1.
- Memory Options - 4GB internal, up to 16GB external.
- NTP Client - For time synchronization.
- SMIL 3.0 Instruction (Sub-Set) Support.
- CMS Device Management - In LAN environments using the integrated SMIL control.
- Perforated Side Panel - For efficient heat dissipation.
- VESA Standard Mounting Bracket - For mounting on-wall, inside a cabinet or to the VESA standard screw holes on the rear panel of a display.
- KDS-MP1 Manager Software - For easy, powerful and versatile management of digital signage content via a PC.
- Size - DigiTOOLS®

KDS-EN1

HD Video Encoder/Streamer

The KDS-EN1 is a broadcast-quality video scaler and audio embedder/de-embedder for digital signals up to 3G HD SDI, composite and component video signals, HDMI and balanced audio signals. All are output as an IP stream and a DVB-ASI signal.

FEATURES

- Max. Data Rate - 3Gbps.
- Inputs - Video: 1 3G HD-SDI, 1 HDMI, 1 composite, 1 component; Audio: 1 balanced stereo audio.
- Outputs - 1 IP twisted pair, 2 ASI.
- Professional Encoder - H.264/MPEG4-AVC standard compliance.
- HD Video Input Format - SMPTE-274M/SMPTE-296M-2001, ITU-RBT.656.
- Supports TS Over IP - Standard UDP protocol.
- Audio Encoding - MPEG Layer II (48kHz), supports AC3 pass through.
- Audio Embedding Options - Select either embedded audio or to embed two independent audio groups.
- Web Interface - For remote management.
- Standard 19" Rack Mount Size - 1U. Rack "ears" included.

KDS-EN2T/KDS-EN2R

HDMI-IP Transmitter & Receiver

The KDS-EN2T/R are an IP-based transmitter and receiver for HDMI signals. Using gigabit compression technology, the KDS-EN2-T sends a visually lossless HD image and digital stereo over a 1000BaseT LAN to a KDS-EN2-R receiver for video wall and digital signage applications.

FEATURES

- High Flexibility - HDMI 1080p for video broadcasting with Gigabit Ethernet LAN.
- High Scalability - Up to 9 transmitters and more than 81 receivers possible in a single system.
- Multicasting and Broadcasting Architecture - No more bandwidth loading.
- Cost Efficient Infrastructure - Transmits an HDMI signal over one CAT5e/6/7 cable.

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