



High Definition Digital Signage Encoder

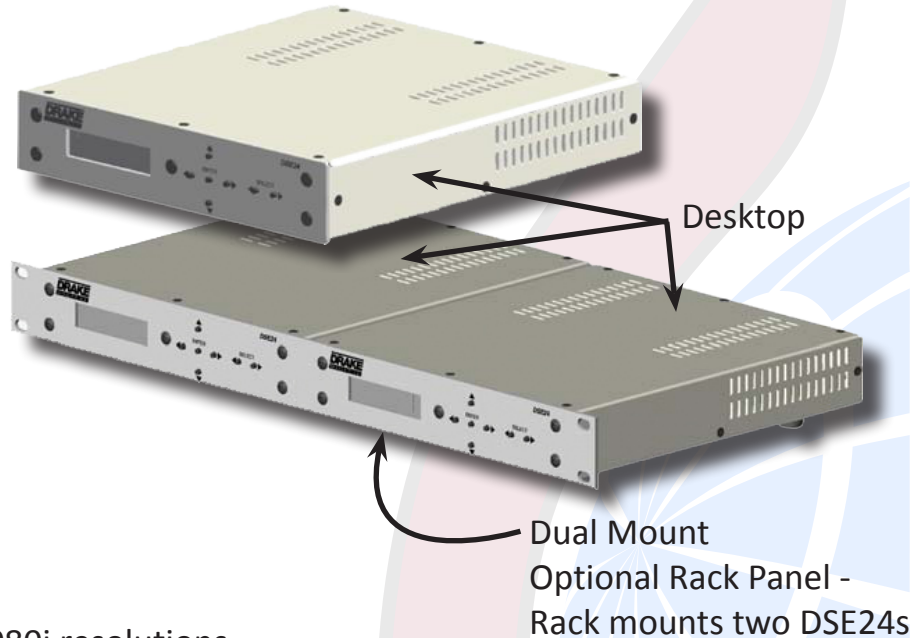


Applications

- Digital Signage
- Commercial B2B
- Health Care
- Government/Military
- Cable TV Networks

Benefits

- Supports 480i, 480p, 720p and 1080i resolutions
- MPEG1, Layer 2 audio (MP2)
- A frequency agile output to 1000MHz and +45dBmV output level insure simple trouble free integration onto existing networks



Description

Drake's DSE24 will encode a single uncompressed program derived from devices with HDMI, component Video or VGA outputs to HD MPEG2 video. An internal QAM modulator and low noise upconverter allows existing legacy fiber/coax networks to be used as distribution channels for digital signage content. This provides instant access to an extensive network of digital displays capable of viewing valuable advertiser based or informational video in a vibrant "High Definition" format.

DSE24 HD Video Encoder w/QAM Output - Part# 1002552
DSE24 Dual Mount Optional Rack Panel - Part# 1002565

www.multicominc.com

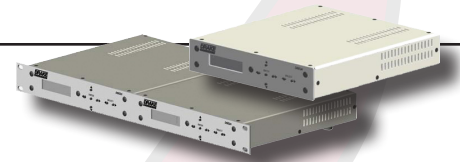
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Product Specifications

DRAKE



Video Inputs	VGA (with pass-through to monitor) HDMI (unencrypted) Component (Y-Cr-Cb) Composite via Y input for 480i
Input Resolutions	480i, 480p, 720p, 1080i video
Audio Inputs	L-R baseband audio, dual RCA S/PDIF optical audio, 32kHz-192kHz sample rate PCM HDMI embedded audio, 32kHz-192kHz sample rate PCM
Video Encoding	MPEG2 Resolutions of 720x480, 1280x720, 1920x1080 - determined by input. Color Sampling: 4:2:2, 4:2:0 Aspect Ratio: Determined by input. GOP: size typically 15 frames incl. I, P, and B frames
Audio Encoding	MPEG1, Layer 2 (MP2)
QAM Output	64QAM or 256QAM, ITU Annex B 5 - 1000MHz frequency coverage STD, HRC, IRC, and Broadcast channel plans +45dBmV output power 15dB output level adjustment range Phase noise = -95dBc @ 10KHz offset Broadband noise = -75dBc @ > +/-12MHz offset MER = >40dB equalized Channel frequency response = < 1dB Carrier suppression > 40dB I/Q inbalance < 1degree Output level accuracy = +/-1dB
Format	Table-top chassis, with optional 2-unit mounting in 1RU 19" rack
Control	Front-panel buttons and LCD for local control On-board ethernet connection for remote control
Power	+5V @ 1.7A

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