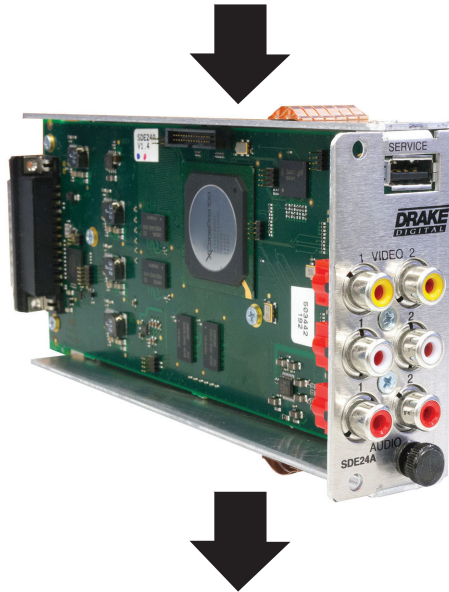


SDE24A

Standard Definition Dual Video Encoder

2 Sources of MPEG2/H.264 Content

via HD/SD-SDI video input



Audio Output is AC-3 Compliant

PRODUCT DETAIL

The SDE24A module can encode up to two input sources, source 1 and source 2 in real-time. The module may be configured to encode both sources 1 & 2 in either MPEG-2 or MPEG-4 (H.264) transport streams. Thus each Encoder Module can output one MPEG-2 stream, two MPEG-2 streams, one MPEG-4 stream, 2 MPEG-4 streams or one MPEG-2 and one MPEG4 stream.

Each SDE24A module provides two sets of input connectors for NTSC composite with stereo audio. Audio is encoded using Dolby AC-3 encoding.

APPLICATIONS

- Hospitality
- Health Care
- Commercial
- Government/Military
- Digital Signage
- Cable Networks

BENEFITS

- **Analog to Digital encoding**
The Drake SDE24A Standard Definition Encoder Module receives up to two input sources via NTSC Composite with stereo audio.
- **MPEG2 or MPEG4 compression for bandwidth efficiency**
Input 1 & 2 on the SDE24A can encode analog signals to either MPEG-2 or MPEG-4 (H.264) transport streams. Each SDE24A Encoder Module can output as one MPEG-2 stream, two MPEG-2 streams, two MPEG4 stream or one MPEG-2 stream and one MPEG4 stream.
- **Dolby Digital® AC-3 audio compliant**
Audio output is rated as Dolby Digital® AC-3 compliant.

Model	Item #	Description
SDE24A	1002514A	Standard Definition Dual Video Encoder

TECHNICAL DATA & SPECIFICATIONS

DRAKE SDE24A STANDARD DEFINITION DUAL VIDEO ENCODER - 1002514A

ANALOG INTERFACE:

Composite Video Inputs:	2 composite inputs, one for each program/source
Composite Video Input Level:	1 Volt p-p \pm 3 dB
Audio Inputs, for 2 Programs:	RCA type for L + R audio channels, 2 sets
Audio Input Level:	1 Vrms or 2 Vrms user-selectable and user-adjustable audio gain \pm 15 dB

MPEG ENCODER:

Encode Format – #1 Input:	MPEG2 or MPEG4/H.264, selectable
Encode Format – #2 Input:	MPEG2 or MPEG4/H.264, selectable
NOTE: Each Encoder module has two sets of inputs marked 1 and 2. Number 1 input from all installed modules will appear as odd-numbered encoders in the MEQ1000B, EH24A or EH244 menu. Likewise, number 2 SDE24A inputs will correspond to even-numbered encoders in the EH24A menu.	
Input Encoding Bitrate:	Constant Bitrate: 1 Mbps to 8 Mbps
Encoding Resolution:	720 X 480 (Standard Definition)
Video Adjustments:	Brightness, Contrast, Saturation, Hue

AUDIO ENCODER

Selectable Types:	AC3 – Dolby® Digital Stereo or MPEG1, Layer 2 (MP2)
Dolby Digital Encoder:	Manufactured under license from Dolby Laboratories
Output Bitrate:	Variable; 128-320 kps
Output:	The output of the SDE24A Encoder Module is connected internally to the multiplexers that are included in the MEQ1000B, EH24A Series, and EH244 Series' chassis.

Specifications, price, and availability are subject to change without notice or obligation.