

MPEG-2 & MPEG-4 AVC (H.264) SD Encoder

with Component, Composite, HDMI and SD-SDI inputs, ASI and IP outputs

Digital Encoder



DME-8524S

Professional Multi-standard Encoder

Introduction

DME-8524S is a high-end MPEG-2 and H.264 encoder with the highest video quality and low latency with luxurious design.

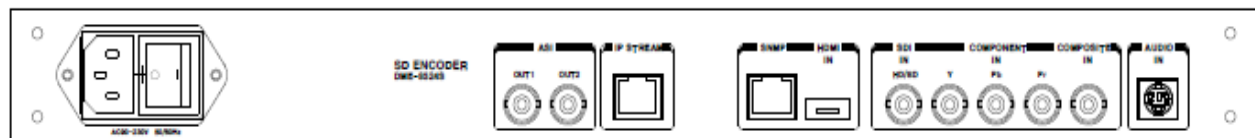
It shows excellent performance in video/audio compressing and encoding for suitable digital transmission with various supported formats.

DME-8524S supports both MPEG-2 and MPEG-4 AVC (H.264) so that it allows operators select the format they want.

The unit is easy to control with front VFD and via web browser.

Features

- Component, Composite, HDMI, SD-SDI video inputs
- Low latency as 1100ms
- Digital, Analog and Serial Digital embedded audio inputs
- Selectable MPEG-2 SD or MPEG-4 (H.264) SD real-time video encoding
- CBR or VBR outputs
- Dolby Digital (AC-3), MPEG-1 Layer II, AAC-LC audio encoding
- User selectable resolution and bit-rate
- Control and monitoring via web browser, front panel or SNMP



Specification

Video Input

Analog Input Level	Component , Composite
Digital Input Level	1 Vp-p
Resolutions	HDMI , SDI
Aspect Ratio	1000 mVp-p (HDMI) 800mVp-p (SDI)
	480i29.97/30, 576i25
	4:3

Audio Input

Analog Input	1 Stereo
Freq. Range	20Hz ~ 20KHz
Impedance	600 Ω/ 20KΩ
Connector	PS/2
Digital Input	Embedded SDI/HDMI
Sampling Rate	48 KHz
Connector	BNC (75Ω) / HDMI-19PIN

Video Encoder

Encoding	MPEG-2 MP@ML
	MPEG-4 AVC_MP@L3
Encoding Rate	MPEG-2 : 4~20 Mbps
	MPEG-4 AVC : 1.5~12 Mbps
Chroma Format	4:2:0
Bit Rate Mode	CBR,VBR
Latency	1,100ms~

Audio Encoder

Sampling Rate	48KHz
Dolby Digital® AC-3	128,192,256,384 Kbps
MPEG-1 Layer II	192,224,256,320,384 Kbps
AAC-LC	64,96,128,160,192,224,256,320,384 Kbps

TS Output

Transport Stream Connector	ASI 2 port
TS Bit Rate	BNC(75Ω)
	MPEG-2 : 4~20 Mbps
Packet Format	MPEG-4 AVC: 1.5~12 Mbps
	188 Byte

IP TS Output

Output Connector	1 Port
Ethernet type	RJ-45
Format	100/100 Base-T
IP Address Format	UDP/IP
TS Bitrate	Multicast, Unicast
	MPEG-2 : 4~20 Mbps
	MPEG-4 AVC : 1.5~12 Mbps
TS Packet Rate	188 Byte

Ethernet

Connector	RJ-45
Interface Type	10/100Base-T
Protocols	SNMP

General

Power Requirements	AC 90~230V, 50/60Hz
Power Consumption	Max. 100W
Weight	3. kg
Operating Temperature	-10~50°C
Dimension(W x H x D)	482 x 44 x 383 mm

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