

AUDIO VIDEO SYSTEM

H.264/AVC SDI Encoder

Lightem Systems LH2SE series H.264/AVC SDI encoder (compatible with MPEG-2) is professional SDI encoder and multiplexer with 4 SD-SDI as inputs, supports audio embedded, comply with MPEG-4 AVC/H.264. You can also input 1 ASI, and then make the input TS and encoded TS to MPTS and output, you can also insert SI information. It is widely used in different digital TV and broadcasting systems.



FEATURES

- Support H.264/AVC high profile Level 3.0
- Audio coding support MPEG1 Audio Layer 2
- 4 SD-SDI input, support audio embedded
- 1 ASI input, support stream multiplexer
- Support PAL, NTSC standard definition video
- Support MPTS ASI output
- Support IP output and multiplexer, and UDP, unicast and multicast
- SNMP
- Reliable design, full hardware encoder
- Better quality than broadcasting standard
- Clear operating status, LCD indicator on the panel for error signal and LED power supply

SPECIFICATIONS

Input Interface	
<i>HD/SD-SDI</i>	BNC 75Ω
Output Interface	
<i>ASI</i>	BNC 75Ω
<i>IP</i>	RJ 45
Video encoding	
<i>Resolution</i>	1080i60/50 720p60/50/30 576p25, 480p30 576i50, 480i60
<i>Video encoding format</i>	H.264, MPEG2
<i>Speed</i>	0.8Mbps-20Mbps
<i>Speed Control</i>	CBR/VBR
<i>GOP Style</i>	IBBP
<i>Video Processing</i>	Release interlaced scan, noise control and unsharp
Audio encoding	
<i>Sample Rate</i>	32KHz, 44.1KHz, 48KHz
<i>Bit Rate</i>	64, 128, 192, 256, 384Kbps
<i>Encoding Format</i>	MPEG-1 layer 1/2, AAC
Physical	
<i>Dimension (H x W x D)</i>	44×433×340(mm)
<i>Operation temperature</i>	0-50°C
<i>Relative Humidity</i>	0-95%, non-condensing
<i>Power Supply</i>	130-260VAC, 50/60Hz

ORDERING INFORMATION

P/N	DESCRIPTION
LH2SE	Lightem Systems H.264/AVC SDI Encoder, 4 SD-SDI input (support audio embedded), 1 ASI input, support stream multiplexer, output as ASI or IP