

MPEG-2 SDI Encoder

Lightem Systems LMSE series is a multi-functional MPEG-2 encoder. It supports SDI/CVBS and audio input, and converts into two channels of ASI or IP. The input is compressed as MPEG-2 MP@ML format, with coder real-time encodes and multiplexing according to MPEG-2 format, which in turn generating DVB transport stream. It completely complies MPEG-2 standard.



FEATURES

- Support MPEG-2MP@ML(4:2:0)
- SDI or Analog audio video input
- Stereo audio input or R/L
- Adjustable output stream speed
- SDT insert
- LCD screen for ease of operation
- SNMP support
- Full hardware encoder
- Broadcasting standard

SPECIFICATIONS

Input Interface	
<i>Video signal</i>	BNC 75Ω
<i>Analog audio signal</i>	BNC 75Ω
<i>SDI video signal</i>	BNC 75Ω
Output interface	
<i>ASI</i>	BNC 75Ω
<i>IP</i>	RJ 45
Video encoding	
<i>Standard</i>	Support ISO11162(MPEG-1)and ISO13818(MPEG-2)
<i>Resolution</i>	720×576i, 720×480i
<i>Encode Style</i>	MPEG-2 MP@ML(4:2:0)
<i>Frame</i>	MPEG-2(AFF)
Audio encoding	
<i>Encode Style</i>	Based on MPEG-2 field(FB)
<i>Sample Rate</i>	32KHz, 44.1KHz, 48KHz
<i>Bit Rate</i>	64, 128, 192, 256, 384Kbps
<i>Speciality</i>	MPEG-1 layer 1/2, CD quality
	Support one stereo audio or dual track
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
LMSE	Lightem Systems Mpeg2 IP encoder, SDI or analog audio video input, output as ASI or IP