



The **MVS-1103 5-in-1 Encoder** is an easy to use, powerful MPEG-2 encoder. It supports four (4) composite video and analog stereo audio inputs plus one multiplexed ASI input. The compressed data output format is ASI and the compression standard is MPEG-2 MP@ML. This encoder provides real-time encoding and multiplexing (up to four) and includes 1-channel ASI input stream to generate one MPTS (multi-program transport stream). It is fully compliant with MPEG-2 standards.

Front Panel



Back Panel



Features

- 4-channel audio/video signal encoding and multiplexing with 1-channel ASI input stream to generate 1-channel MPTS
- Supports ASI's PID mapping and program number sorting;
- Supports MPEG-2 MP@ML (4:2:0) coding
- High-fidelity audio processing R/L channel, stereo input
- Output bit rate continuously adjustable
- Local and remote control of network management
- User friendly LCD display
- Bit stream multiplexing function
- PID display and settings
- SDT, program name and provider settings



Product Specifications		
Input Interface	ASI	DVB Standard
	Video Signal	LEV 1.0Vp-p
	Audio Stereo	BNC 600Ω Unbalanced
Output Interface	ASI	DVB Standard
Output Rate	1.0-15Mbps Adjustable, Per channel Max Output 60Mbps	
Video Coding	Compliant with ISO 11172 (MPEG-1) & ISO 13818 (MPEG-2)	
	MPEG-2 Coding Adopt MP @ ML (4:2:0)	
	MPEG-2 Adaptive Field Frame (AFF)	
	MPEG-2 Field Base (FB)	
Audio Coding	Sample Frequency	32KHz, 44.1KHz, 48KHz
	Code Rate	64,128,192,256,384Kbps
	Standard	MPEG-1 ½ Layer, CD quality, one channel, stereo or dual-channel
Resolution	Standard	Compliant CCIR601, Support 1/2D1, 2/3D1, 3/4D1
	PAL	720x576, 704x576, 640x576, 544x576, 480x576, 384x576, 352x576
	NTSC	720x480, 704x480, 640x480, 544x480, 480x480, 384x480, 352x480
General Features		
Size	44mm x 482mm x 410mm 1.75" x 19" x 16"	
Environmental	0~50°C (operating); -25~55°C (storage)	
Power	~100-240 VAC, 50/60 Hz, 25W	

www.microwavevideosystems.com

Tel 781-665-6600 • 165C Tremont Street, Melrose, MA 02176 • Fax 781-665-9499

11/1/2011