SUNNISKY ENC100 MPEG-2 Video/Audio Encoder

SUNNISKY ENC100 is a real-time (time delay is less than 50ms) digital video/audio encoder that meets the MPEG-2 standard, it can digital sample analog video and audio signal, then compress and encode them to convert into digital TS (transport stream) output with ASI BNC interface. With advanced 4:2:0 MP@ML video encoding, it could output video compression code rate up to 1~10Mbps according to the bandwidth of transmission system.

With 10/100BaseT Ethernet, the SUNNISKY ENC100 supports TCP-IP remote control (Optional), and could realize PSI/SI injection via Ethernet RJ45 interface, which make it more suitable for the demand of various applications.

So, SUNNISKY ENC100 is the better equipment for any CADTV headend system, MMDS digital headend system, residential quarters or In-Hotel etc., and any other widely broadcast and applications.

Feature

- Coincident with the standard MPEG-2 MP@ML 4:2:0
- PAT and PMT automatically are generated
- NIT and SDT could be edited and inserted by aid of its optional NMS (Network management software) system
- SI table cycle rate is adjustable (Optional)
- Flexible GOP (group of pictures) format
- Analog S-Video and Composite Video signal input
- Supports input PAL, SECAM and NTSC and analog video system format
- Full D1 and sub video resolutions to choose, for example, Half D1, SIF, QSIF
- 1.0Mbps~10Mbps Video compression code rate
- Dual track Audio (Left and Right) input
- One ASI output interface
- 188 or 204 bytes packet length is available
- Video compression code rate 1~10Mbps adjustable
- Adopting MPEG-1 & MPEG-2 Layer I & Layer II arithmetic to compress audio signal
- Automatically restored after power failure
- LCD display and user friendly operation
- 10/100BaseT Ethernet for TCP-IP remote control and network management by aid of its NMS system (Optional)
- Low power consumption

Specification

Video Input and Compression	
Video compression and encoding	MPEG-2 4:2:0MP@ML encoding (ISO/IEC13818-2)
Video input	CVBS*1, S-VIDEO*1
Video format	PAL BG HIN/NTSC 4.43M 50Hz/PAL N/NTSC N/SECAM/NTSC M/PAL 4.43M 60Hz /NTSC 4.43M 60Hz/PAL M
Video compression code rate	1~10Mbps, GOP frame adjustable
Video Resolution	Support Full D1, Half D1, SIF, QSIF
Video input impedance	75Ω
ASI Output(TS Stream Output)	
TS output ports	DVB ASI*1, BNC connector
TS output Bit Rate	20~70Mbps@MPTS
Package length	188 or 204 selectable
General	
Operating temperature	0°C~40°C
Power requirement	AC 90~260V, 50/60Hz, 15W

Weight	3Kg
Size	483mm×450mm×44mm

Note: All specifications are subject to change without notice.