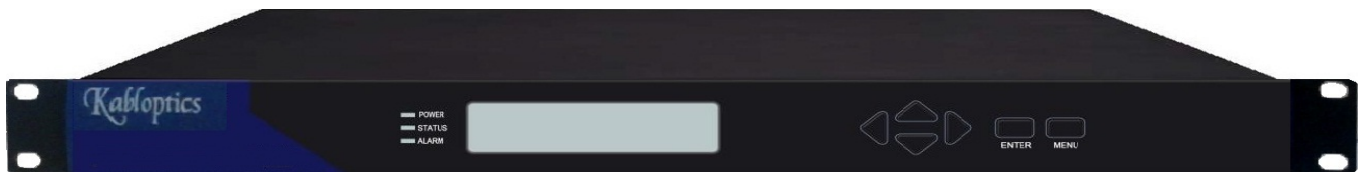


KO-2108

8-Channel Low Bitrate Encoder



Product Overview

KO-2108 is a latest MPEG-2 high cost performance SD encoder which can perform SD MPEG-2 compression encoding for eight channels of analogue composite video and stereo pairs input signals simultaneously. This device can be used for A/V signal source encoding of a DTV network head-end system, and it also supports the WEB/SNMP management.

Main Features

- Up to eight channels SD encoding in 1RU;
- High picture quality in ultra low bit rate to reduce network overhead or costs;
- Web browser GUI and SNMP interface for remote management and control;
- MPEG TS-over-IP(7 x 188 Byte) output, support MPTS/SPTS mode
- Multiple resolutions: PAL: 720*576, 704*576, 640*576, 544*576, 352*576@50Hz
NTSC: 720*480, 704*480, 640*480, 544*480, 352*480@60Hz
- Low power consumptions
- Auto-saving of user configurations for the recovery of previous working status

Technical Specifications

Video/Audio Input Options

Analog Video/Audio Input(Standard)

Composite Video	8 x CVBS(BNC female, 75Ω)
Unbalanced Audio	8 x Stereo pairs (BNC female, 75Ω) R&L, Stereo or Mono mode

ASI Transport Stream Output

ASI Output	ASI
Connector	BNC, 75Ω

MPEG TS Over IP Output

Qty of IP Output	10/100 Base-T Ethernet, RJ-45
TS Format	7 x 188Byte of MPEG TS-over-UDP
Addressing	Unicast or Multicast

Video Encoding

Encoding Formats	MPEG-2 SD: MP@ML
Resolution/Frame Rate	576i@25fps , 480i@30fps
Aspect Ratio	4:3 or 16:9

Audio Encoding

Encoding Standards	MPEG-1 Layer 2
Supported Mode	Stereo or Mono
Supported Sample Rate	32 kHz, 44.1 kHz, 48 kHz
Audio Encoding Rate	64kbps~384 kbps

Network Management

Interface	1 x 10/100 Base-T Ethernet, RJ-45
Management	GOSPELL® NMS applications or Web browser via SNMP interface

Miscellaneous

Front Panel	3.5" LCD with 6 x Control Button for 2-lines information display and settings 3 x Dual color LED
Rear Panel	1 x Power Supply Receptacle(AC Input) 1 x Power switch

Power Supply

Input Voltage	100~250 VAC, 50/60Hz
Power Consumption	Typ. 35W

Environmental

Operating Temperature	0°C~45°C (32°F~113°F)
Storage Temperature	-20~80°C (-4°F~176°F)
Operating Humidity	90%, non-condensing

Mechanical

Product Dimensions	483mm x 44.5mm x 400mm (W x H x D)
Product Weight	19" x 1.73" (1 RU) x 1.8" Approx. 5Kg (11 lbs)