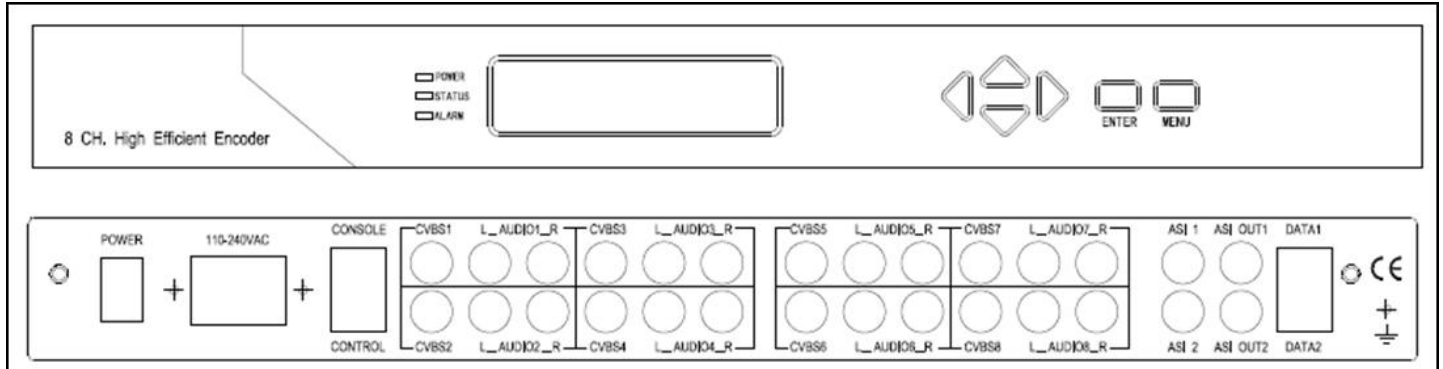


## 8-Channel MPEG-2 Low Bit Encoder

8 CH. High Efficient Encoder

8-Channel MPEG-2 Low Bit Encoder KO-2108 is flagship SD encoder series which can perform SD MPEG-2 compression encoding for up to eight channels of analog input A/V signals simultaneously, and then output the signals through ASI/IP interface after multiplexing. This device can be used for A/V signal source encoding of a DTV network head-end system, and it also supports the WEB management.



### Main Features :

- Support eight channels of MPEG-2 encoding with 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
- Eight independent channels of video/audio input ports
- Support VBR/CBR video encoding
- Supported low bit rate encodings:
  - ✓ Independent audio encoding bit rate options: 192/224/256/320/384Kbps (MPEG-1 L2); 96/112/128/160/192/224/256/320/384Kbps (AAC)
  - ✓ Video output bit rate range: 0.25~5.5Mbps (H.264)/0.5~5.5Mbps (MPEG-2)
  - ✓ System output data rate range: 2~40Mbps
- MPEG TS-over-IP output, support MPTS/SPTS mode
- UDP payload format: seven TS packets of 188-byte length
- Support auto-saving of user configurations, for recovering of previous working status
- Support Web-based management and online remote update
- Dual IP output ports
- Power failure memory recovery

## Technical Specifications:

<b>Input Interface</b>	
Connector Type	BNC-J12
Input	8 x (CVBS , L&R Audio)
<b>ASI Output</b>	
Connector Type	BNC-Female
Output	2*ASI
<b>IP Output</b>	
Number of Ports	2
Connector Type	RJ-45 10/100 Base-T
Format	MPEG TS-over-IP
<b>Encoding</b>	
Video Coding Format	MPEG-2 or H.264/AVC
Audio Coding Format	MPEG-1& II layer or AAC
Audio Sample Rate	32KHz、44.1KHz、48KHz
Video Coding Rate	0.25~5.5Mbps

Audio Coding Rate	96Kbps~384 Kbps
PSI/SI Insertion	PAT、PMT、NIT Insertion
<b>Management</b>	
Connector Type	Ethernet 10/100 Base-T
Interface	RJ-45
<b>Power</b>	
Input Voltage Range	85~260V AC
Input Frequency Range	50/60Hz
Typical Consumption	35W
<b>Environmental</b>	
Operating Temperature Range	5℃~45℃
Storage Temperature Range	-25℃~85℃
Operating Humidity	10%~90%
<b>Physical</b>	
Dimension (W x H x D)	483mm x 44mm x 400mm
Weight	5.0Kg