

8x CVBS Encoder + Mux with ASI+IP Output



- ✓ 8x CVBS and 1x ASI Input, 2x ASI outputs
- ✓ 8 pairs of unbalanced audio inputs.
- ✓ MPTS or 8 SPTS UDP, RTP/RTSP IP Output
- ✓ Broadcast quality
- ✓ MPEG2 video encoding
- ✓ MPEG1 Audio Layer 2 audio encoding
- ✓ PSI/SI editing and inserting
- ✓ PID remapping and passthrough.
- ✓ PCR accurate adjusting.
- ✓ Real-time output bit-rate monitoring
- ✓ LCD / keyboard and NMS (Web) operation
- ✓ Update device through NMS (Web) port

*IRENIS EMU-8110 encoder accepts 8 channels digital SD video and audio signals.
Video encoding format is MPEG-2.
The output is ASI and IP simultaneously in broadcast quality.*

The IRENIS EMU-8110 series 8-in-1 MPEG-2 SD Encoder is a professional SD audio & video encoding and multiplexing device with powerful functionality.

It has 8 independent channels of CVBS input and 8 pairs of unbalanced audio input interfaces.

This device can simultaneously encode 8 channel SD audio & video. It has an ASI input and can multiplex the input TS with the 8 encoded SPTS to generate a MPTS output.

Its high integrated and cost effective design makes the device widely used in varieties of digital distribution systems such as cable TV digital head-end, satellite digital TV broadcasting etc.

Technical specifications:

Function	MPEG-2 Encoder & Multiplexer with 8x CVBS input, ASI and IP output
INPUT	
Video & Audio	Video 8x CVBS input, BNC interface
	Audio 8 pairs of unbalanced audio input, BNC interface
	1x ASI input, BNC interface
VIDEO	
Resolution	PAL: 720*576@50Hz, NTSC 720×480@60Hz
Encoding	MPEG-2
Bitrate	1~19.5 Mbps
Rate control	CBR
Chroma	4:2:0
Aspect ratio	4:3
AUDIO	
Encoding	MPEG-1 Audio Layer 2
Sampling rate	48 kHz
Resolution	24 bit
Bitrate	64 kbps ~ 384 kbps (each channel)
MULTIPLEXING	1 ASI input multiplexed with local 8 channels SPTS
OUTPUT	
ASI	2x ASI output, BNC interface
IP	IP MPTS / 8 SPTS over UDP, 10/100 Base-T Ethernet interface (UDP unicast / multicast), RTP/RTSP
SYSTEM	
Control	LCD/keyboard, network management (NMS), English menu, Ethernet software upgrade
GENERAL	
Dimensions	482mm × 455mm × 44.5mm, 19" 1U, 4 kg
Power	AC 110V±10%,50/60Hz or AC 220V±10%, 50/60Hz, Consumption: 25 W
Temperature	0~45°C (operation), -20~80°C (storage)

