



SDI & CVBS Encoder + Mux with ASI+IP Output



- ✓ SD-SDI, CVBS and ASI Input, 2x ASI outputs
- ✓ MPTS and SPTS UDP IP Output
- ✓ Broadcast quality
- ✓ H.264 and MPEG2 video encoding
- ✓ MPEG1 Audio Layer 2, LC-AAC and HE-AAC (V2) audio
- ✓ 2 stereo or 4 mono audio encoding
- ✓ VBR or CBR video bitrate modes
- ✓ Ultra low bit rate encoding
- ✓ Closed Caption (CC) Support (SDI)
- ✓ Real-time output bit-rate monitoring
- ✓ LCD / keyboard and NMS (Web/SNMP) operation
- ✓ Update device through NMS (Web/SNMP) port

The IRENIS EMU-8130 MPEG2/ H.264 SD Encoder is our professional SD audio & video encoding and multiplexing device with powerful functionality.

It has one SD-SDI and one CVBS input interfaces. It can encode one video with 2 independent audio tracks at the same time. It supports MPEG2 and H.264 video encoding and MPEG-1 Audio layer 2, LC-AAC and HE-AAC audio encoding. It can reach an ultra low bit-rate.

Moreover, it has an ASI input and can multiplex the input stream with the encoded content, generating an MPTS IP stream and an ASI stream at the output.

IRENIS EMU-8130 encoder accepts 1 channel SD video and audio signals from SDI or CVBS input.

Video encoding format is MPEG-2 or H.264.

The output is ASI and IP simultaneously in broadcast quality.



Technical specifications:

Function	H.264 / MPEG-2 Encoder & Multiplexer with SD-SDI and CVBS input, ASI and IP output
INPUT	
Video	SD-SDI input with embedded audio interface, BNC CVBS input, BNC 1 ASI input, BNC
Audio	Analog stereo audio (balanced), XLR interface Analog stereo audio (unbalanced), BNC interface SD-SDI embedded audio
VIDEO	
Resolution	PAL: 720*576/352*288/320*240/320*180/176*144/160*120/160*90@50Hz NTSC:720*480i/352*288i/320*240i/320*180i/176*144i/160*120/160*90@59.94Hz
Encoding	MPEG-2 / H.264
Bitrate	0.25~15 Mbps for H.264 encoding 0.5~15 Mbps for MPEG-2 encoding
Advanced Pretreatment	De-interlacing, noise reduction, sharpening
AUDIO	
Encoding	MPEG1 Audio Layer 2, LC-AAC, HE-AAC V2
Sampling rate	48 kHz
Bitrate	32kbps ~ 384 kbps (each channel)
MULTIPLEXING	1 ASI input multiplexed with local 1 channel
OUTPUT	
ASI	2-way ASI output, BNC interface
IP	MPTS / 1 SPTS over UDP, 10/100 Base-T Ethernet interface (UDP unicast / multicast)
SYSTEM	
Control	LCD/keyboard, network management (NMS), English menu
GENERAL	
Dimensions	482mm × 455mm × 44.5mm, 19" 1U, 4 kg
Power	AC 110V±10%,50/60Hz or AC 220V±10%, 50/60Hz, Consumption: 17.6 W
Temperature	0~45°C (operation), -20~80°C (storage)