



The ADV-8110 H.265/HEVC and H.264 HD Encoder is high quality professional broadcasting audio & video encoder with powerful functionality. It is equipped with multiple video input interfaces (SDI and HDMI) and audio input interfaces (SDI/HDMI embedded, AES, RCA and XLR) to be compatible with different signal sources.

Multiple audio and video encoding formats are available to meet customers' various requirements.

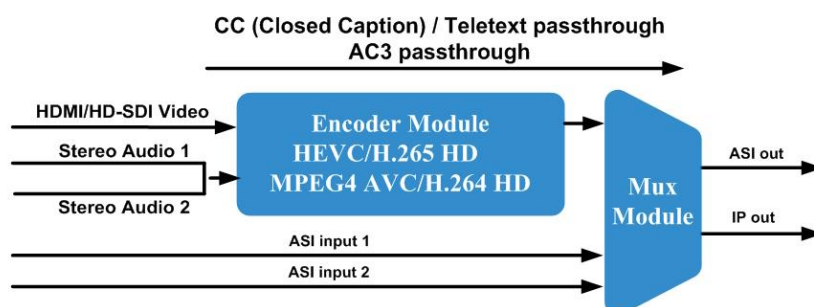
It supports 2 stereo (4 mono) audio encoding.

ADV-8110 has ASI and IP outputs.

It supports OSD insertion: QR code, LOGO, Caption.

Key Features

- H.265/HEVC and MPEG-4 AVC/H.264 HD video encoding
- 1080p, 1080i, 720p video resolutions.
- MPEG1 Layer II, HE-AAC (v1&v2), LC-AAC audio encoding
- DD AC3 audio pass-through
- 2 stereo audio encoding, Analog or SDI/HDMI embedded
- OSD insertion: QR code, LOGO, Caption
- CC (closed captioning), Teletext
- 2 ASI inputs for remux
- ASI output
- IP over UDP/RTP/RTSP, unicast/multicast) output
- Web and front panel LCD control



Specifications

Video	Interface	1xHD×SDI, 1×HDMI		
	Resolution	Input	Output	
			MPEG-4 AVC/H.264 HD	HEVC/H.265 HD
		1920×1080p@60/59.94	1920×1080p@60/59.94	1920×1080p@60/59.94
		1920×1080p @50	1920×1080p@50	1920×1080p@50
		1920×1080i @60/59.94	1920×1080i@60 1920×1080p@60/30	1920×1080p@60
		1920×1080i @50	1920×1080i@50 1920×1080p@50/25	1920×1080p@50
		1280×720p@60/59.94	1280×720p@60/59.94	1280×720p@60/59.94
		1280×720p@50	1280×720p@50	1280×720p@50
	Encoding	HEVC/H.265 HD; MPEG-4 AVC/H.264 HD		
	Bitrate Range	HEVC/H.265: 0.5 – 20.00 Mbps MPEG-4 AVC/H.264: 4 – 20.00 Mbps		
	Rate Control	CBR/VBR		
Audio	GOP Structure	IPPP, IBBP		
	Chroma	4:2:0		
	Interface	2×XLR, 2×RCA, 2×AES, 1×HDMI, 1×SDI. Supports maximum 2 stereos synchronous processing		
	Encoding	MPEG-1 Layer II, HE-AAC (v1&v2), LC-AAC DD AC3 pass-through (for SDI and HDMI in)		
Stream input	Sampling rate	48KHz		
	Bit-rate	48Kbps~384Kbps		
Stream output		2×ASI output ports, BNC interface IP over UDP/RTP/RTSP, 1000 Base-T Ethernet interface*2 with independent IP addresses (multicast/unicast)		
System functions		LCD/keyboard and web management Ethernet software upgrade		
General	Dimensions	482mm×405mm×44.5mm (W × D × H)		
	Weight	Approx 4.0Kg		
	Temperature	0~45°C (Operation), -20~80°C (Storage)		
	Power	AC110V±10%, 50/60Hz; AC 220V±10%,50/60Hz; 16W		