

HDE-100R MPEG-2/H.264 HD ENCODER

FEATURES:

- Single MPEG-2 HD/SD and AVC/H.264 HD/SD encoder
- Support 2 stereo or 4 mono audio encoding
- Support AC3 pass through
- Support CC (closed caption), EIA 608 and EIA 708
- Applicable for one Seg/ISDB-T utilization
- ASI and IP (MPTS/8 SPTS) output
- Support UDP/RTP media transmission protocols & multicast/unicast output
- LCD display and control setting on front panel
- Ethernet software upgrade
- NMS or SNMP network management



TECHNICAL SPECIFICATIONS:

Input section	Video input	1 x HDMI interface
		1 x SDI, BNC interface
		1 x YPbPr, BNC interface
		1 x CVBS, BNC interface
	Audio input	2 x XLR, 2 x RCA, 1 x AES
	ASI input	1 x ASI multiplexed with local 1 channels TS, BNC interface
Video	Resolution	Input: 1080i@60, 59.94, 50 / output: 1920x1080, 1440x1080, 1280x1080i Input: 720p@59.94, 50 / output: 1280x720, 960x720p Input: 576i / output: 720x576, 704x576, 640x576, 544x576, 528x576, 352x576 Input: 480i / output: 720x480, 704x480, 640x480, 544x480, 528x480, 352x480
	Encoding	MPEG-2 HD/SD, MPEG-4 AVC/H.264 HD/SD
	Bit-rate	0.25Mbps~60.5Mbps
	Rate control	CBR / VBR
	GOP Structure	Auto, IP, IPB, IPBB, IPBBB, IPBBBB, IPBBBBB
	Aspect ratio	4:3, 16:9, 1:1, 2.35:1
	Chroma	4:2:0, 4:2:2 (applied to all resolution under MPEG2 compression)
	Advanced pre-treatment	De-interlacing, noise reduction, sharpening
Video (one seg)	Resolution	352x288
	Encoding	Auto (follow the main stream format: MPEG-2 or H.264)
	Bit-rate	0~1.0Mbps
	Aspect ratio	4:3, 16:9
Audio	Encoding	MPEG-1 layer 2, HE-AAC(v1 & v2), LC-AAC
	Sampling rate	48KHz
	Resolution	24-bit
	Bit-rate	32Kbps~384Kbps
Delay		1400ms~5000ms
Stream output	ASI	2 x ASI output, BNC interface
	IP	MPTS or 8 SPTS over UDP/RTP, 10/100 Base-T Ethernet interface (UDP/RTP multicast/unicast)
General	Mains supply voltage	AC220V +-10% 50/60Hz (AC110V optional)
	Consumption	21W
	Dimensions	44mm(H) x 482mm(W) x 405mm(D)
	Weight	4.5kg
	Temperature	0~45°C (operating), -20~80°C (storage)