

HDE SERIES MPEG-4 AVC/H.264 HD ENCODER

FEATURES:

- 4-in-1 or 8-in-1 MPEG-4 AVC/H.264 HD encoder
- Professional HD audio & video encoding and multiplexing
- Support 4 HDMI/SDI or 8 HDMI/SDI channels input
- Support 1 ASI input for re-mux
- Support PSI/SI editing and inserting
- Support ASI output MPTS or 4/8 SPTS
- Support IP output MPTS and 4/8 SPTS over UDP
- Support IP null packet filter
- Real-time output bit-rate monitoring
- LCD display and control setting on front panel
- Update device through NMS port
- SNMP network management



TECHNICAL SPECIFICATIONS:

Model		HDE-HD400R	HDE-DI400R	HDE-HD800R	HDE-DI800R
Input		4 x HDMI	4 x SDI (BNC)	8 x HDMI	8 x SDI (BNC)
		1 x ASI, BNC interface			
Video	Resolution	1920x1080_50p, 1920x1080_50i, 1280x720_50p, 720x576_50i, 1920x1080_60p, 1920x1080_60i, 1280x720_60p, 720x480_60i			
	Encoding	MPEG-4 AVC/H.264			
	Bit-rate	0.8Mbps~19Mbps (each channel)			
	Rate control	CBR / VBR			
	GOP Structure	IBBP			
	Advanced pre-treatment	De-interlacing, noise reduction, sharpening			
Audio	Encoding	MPEG-1 layer 2 (HE-AAC v2 and LC-AAC optional)			
	Sampling rate	48KHz			
	Resolution	24-bit			
	Bit-rate	32Kbps~384Kbps (each channel)			
Multiplexing		1 x ASI input multiplexed with local 4 channels of TS		1 x ASI input multiplexed with local 8 channels of TS	
Stream output	ASI	2 x ASI output, BNC interface			
	IP	MPTS and 4 SPTS over UDP, 100Base-T Ethernet interface, support unicast / multicast		MPTS and 8 SPTS over UDP, 1000Base-T Ethernet interface, support unicast / multicast	
General	Mains supply voltage	AC100~220V ± 10%, 50/60Hz			
	Consumption	23W		25W	
	Dimensions	44mm(H) x 482mm(W) x 410mm(D)			
	Weight	3.5kg		4kg	
	Temperature	0~45°C (operating), -20~80°C (storage)			