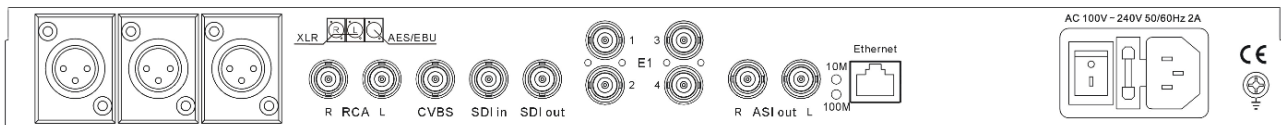


Encoder Series

NDS3201I MPEG-2 IP Encoder



Outline

NDS3201I MPEG-2 Encoder(with IP) is a professional audio & video encoding device with powerful function. This device can support a variety of analog and digital audio and video input interface, say, the video input interfaces include the CVBS, S-Video and SDI , and audio input interfaces include the balanced and unbalanced analog input interface, the analog audio input interface(XLR) and digital audio input interfaces(AES/EBU). Moreover, this encoder can encode the SD audio & video which format is MPEG-2. In conclusion, its high compatibility and excellent encoding quality makes this device widely be used in a variety of digital broadcasting system.

Features

- MPEG-2 video encoding, advanced video pre-processing algorithms
- MPEG1 Audio Layer 2
- Supports Composite, S-Video analog video input
- Supports SD-SDI digital video input
- Supports balanced and unbalanced analog audio inputs

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Email: sunyu@dsdvb.com

Encoder Series

NDS3201I MPEG-2 IP Encoder

- Supports AES/EBU, SD-SDI digital audio input
- Supports PAL, NTSC SD video formats
- Supports D1,HD1, SIF, 2/3D1,3/4D1 Resolutions
- TS over UDP unicast/multicast output
- LCD / keyboard, network management(NMS)

Specifications

input	Video	Analog composite video(CVBS), BNC interface
		S-Video interface
		SD-SDI, BNC interface
	Audio	Analog stereo audio(balanced), XLR interface
		Analog stereo audio(unbalanced), BNC interface
		AES / EBU digital audio, XLR interface
		SD-SDI embedded audio
	Video	Resolution
3/4D1: 544×480_59.94i, 544×576_50i		
HD1: 352×480_59.94i, 352×576_50i		
2/3D1: 480×480_59.94i, 480×576_50i		
SIF: 352×240_59.94i, 352×288_50i		
Encoding		MPEG-2 MP@ML
Bit-rate		0.8Mbps~20Mbps
Rate Control		CBR/VBR
GOP Structure	III, IPPP, IBPB, IBBP	

Encoder Series

NDS3201I MPEG-2 IP Encoder

	Advanced Pretreatment	De-interlacing, noise reduction, sharpening
Audio	Encoding	MPEG-1 Layer 2
	Sampling rate	48KHz, 44.1KHz, 32KHz
	Resolution	24-bit
	Bitrate	64Kbps—384Kbps
Stream output		2-way ASI output, BNC interface
		TS output over UDP,10/100Base-T Ethernet interface (UDP unicast / multicast)
System function		LCD/keyboard, network management(NMS)
		Chinese and English language
		Ethernet software upgrade
General	Dimensions (WxDxH)	482mm×455mm×44.5mm
	Temperature range	0~45°C(operation), -20~80°C(storage)
	Power Requirements	AC 110V ±10%,50/60Hz or AC 220V ±10%,50/60Hz