DEXING

NDS3201B

SD Encoder

Outline

NDS3201B SD Encoder is a professional audio & video encoding device with powerful function. It supports a variety of analog and digital audio and video input such as CVBS, S-Video and SDI, and audio input includes the balanced and unbalanced analog input interface, the analog audio input interface (XLR) and digital audio input interfaces (AES/EBU). Its high compatibility and excellent encoding quality makes this device widely used in digital broadcasting system.

Features

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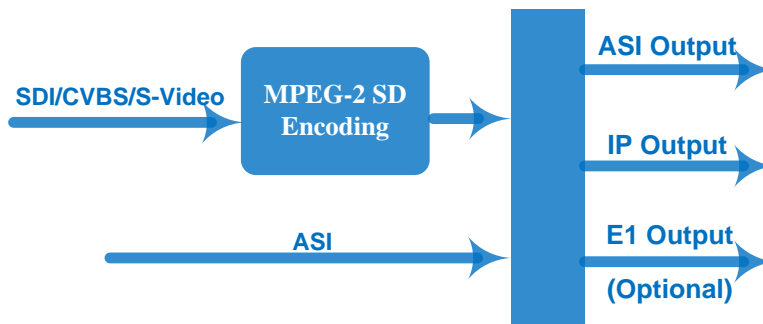- Supports AES/EBU, SD-SDI digital audio input

- Support ASI input for re-mux
- Supports PAL, NTSC SD video formats
- TS over UDP unicast/multicast output
- LCD / keyboard, Web management

Principle Chart

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	720×480_59.94i, 720×576_50i
	Encoding	MPEG-2 MP@ML
	Bit-rate	0.8Mbps~19.5Mbps
	Rate Control	CBR/VBR
	GOP Structure	IIII, IPPP, IBPB, IBBP
	Aspect Ratio	4:3; 16;9
	Advanced Pretreatment	De-interlacing, noise reduction, sharpening
Audio	Encoding	MPEG-1 Layer 2
	Sampling rate	48KHz, 44.1KHz, 32KHz

	Bitrate	64Kbps—384Kbps
Stream output		2-way ASI output, BNC interface
		E1 output –Optional
		TS output over UDP,100/1000Base-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℃(operation), -20~80℃(storage)
	Power Requirements	AC 110V±10%,50/60Hz or AC 220V±10%,50/60Hz