



NDS3236S
NDS3244S

Multi-Channel Encoder



Product Overview

NDS3236S/NDS3244S Multi-Channel encoder is a professional HD/SD audio & video encoding device. It has 16/24 HDMI inputs with very 8 HDMI ports share one encoder module with each module supporting 1MPTS and 8SPTS output. Its high integration and cost effective design makes the device widely used in varieties of digital distribution systems such as cable TV digital head-end, digital TV broadcasting etc.

Key features

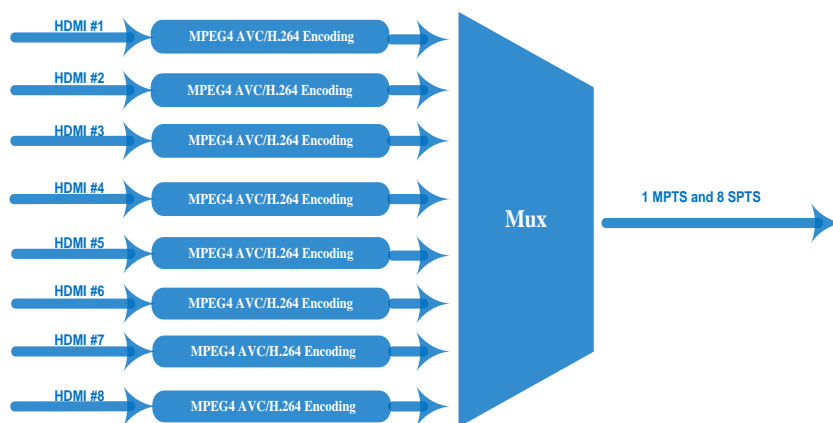
- 16 or 24 HDMI inputs with SPTS and MPTS output (2 or 3 Encoder Modules share the same one NMS port and DATA port)**
- MPEG4 AVC/H.264 video encoding format**
- MPEG1 Layer II, LC-AAC, HE-AAC audio encoding format and AC3 Pass Through, and audio gain adjustment**
- IP output over UDP and RTP/RTSP protocol**
- Support QR code, LOGO, caption insertion**
- Support “Null PKT Filter” function**
- Control via web management, and easy updates via web**

Principle Chart (Each Encoder Module)



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Technical specification

Input	16 HDMI inputs (NDS3236S); 24 HDMI inputs (NDS3244S)		
Video	Resolution	input	1920×1080_60P, 1920×1080_60i, 1920×1080_50P, 1920×1080_50i, 1280×720_60P, 1280×720_50P, 720 x 576_50i, 720 x 480_60i
		Output	1920×1080_30P, 1920×1080_25P, 1280×720_30P, 1280×720_25P, 720 x 576_25P, 720 x 480_30P
	Encoding	MPEG-4 AVC/H.264	
	Bit-rate	1~13Mbps each channel	
	Rate Control	CBR/VBR	
	GOP Structure	IP...P (P Frame adjustment, without B Frame)	
	Audio	Encoding	MPEG-1 Layer 2, LC-AAC, HE-AAC and AC3 Pass through
Sampling rate		48KHz	
Resolution		24-bit	
Audio Gain		0-255 Adjustable	
MPEG-1 Layer 2 Bit-rate		48/56/64/80/96/112/128/160/192/224/256/320/384 kbps	
LC-AAC Bit-rate		48/56/64/80/96/112/128/160/192/224/256/320/384 kbps	
HE-AAC Bit-rate		48/56/64/80/96/112/128 kbps	
Stream output	IP output through DATA (GE) over UDP and RTP/RTSP protocol (8 HDMI inputs with 8 SPTS and 1MPTS output for each encoder module)		
System function	Network management (WEB)		
	English language		
	Ethernet software upgrade		
Miscellaneous	Dimension(W×L×H)	440mm×324mm×44mm	
	Environment	0~45℃(work); -20~80℃ (Storage)	
	Power requirements	AC 110V±10%, 50/60Hz, AC 220±10%, 50/60Hz	

Order Guide

P/N	Config
NDS3236S	16 HDMI inputs
NDS3244S	24 HDMI inputs

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