



NDS3236S (V2)
NDS3244S (V2)



Multi-Channel Encoder



Product Overview

NDS3236S/NDS3244S (V2) Multi-Channel encoder is a professional HD/SD audio & video encoding device. It has 16/24 HDMI inputs with every 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

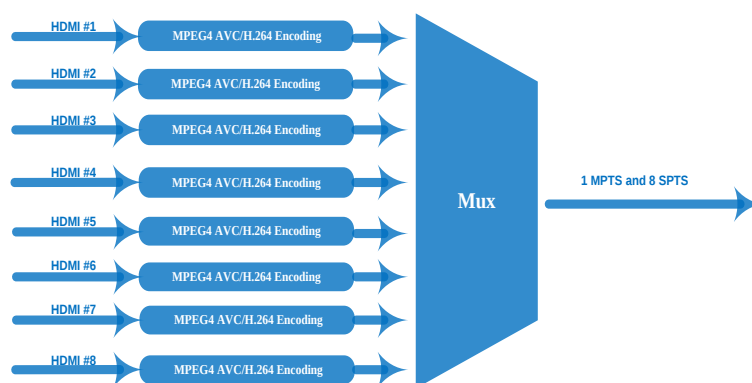
- 16 or 24 HDMI inputs with SPTS and MPTS output (2 or 3 Encoder Modules share the same one NMS port and DATA port)
- HEVC/H.265, MPEG4 AVC/H.264 video encoding format
- MPEG1 Layer II, LC-AAC, HE-AAC audio encoding format and AC3 Pass Through, and audio gain adjustment
- IP output over UDP and RTP/RTSP protocol
- Support QR code, LOGO, caption insertion
- Support “Null PKT Filter” function
- Control via web management, and easy updates via web



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Principle Chart (Each Encoder Module)



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		HEVC/H.265, 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
Stream output	HE-AAC Bit-rate		48/56/64/80/96/112/128 kbps
	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 V2	16 HDMI inputs
NDS3244S V2	24 HDMI inputs



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