



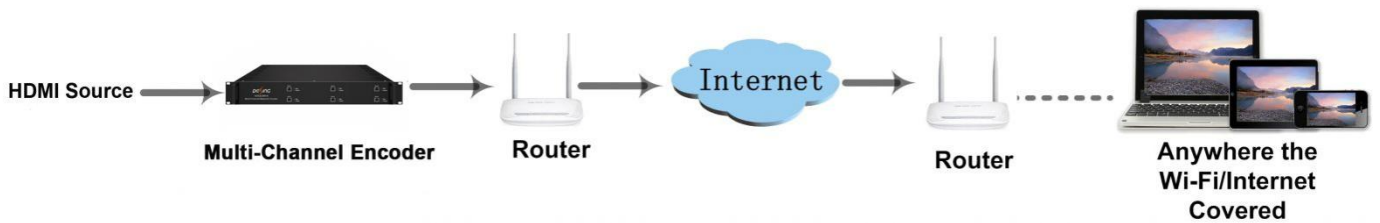
**NDS3228M-N v2**

**48-Channel Network Encoder**



**Support IP out over UDP(SPTS) SRT/RTP/RTSP/RTMP/HTTP/HLS**

**Multiple HDMI inputs**



### Product Overview

DEXIN NDS3228M-N 48-Channel Network Encoder is a 2-U encoding device for IP broadcasting. It is equipped with 48 HDMI-input channels with HEVC/H.265 and MPEG-4 AVC/H.264 video encoding and MPEG-1 Layer 2, LC-AAC, HE-AAC audio encoding and AC3 Pass through. It can transfer the live program through the internet/LAN and output IP streams over UDP (Unicast/Multicast), SRT, RTSP, RTMP, HTTP and HLS, and the output signals can be received by PC, phone and other mobile terminals. NDS3228M-N enables you to watch the programs via your IP STB, PC or TV anywhere.



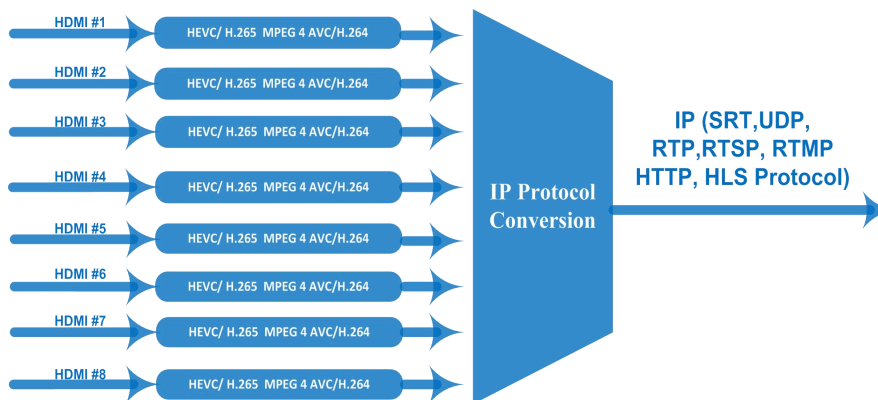
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## Key Features

- Support 48 HDMI inputs, with 48 SPTS output (each encoder module with 8 HDMI inputs and 1 DATA port, only supporting SPTS without “Null Packets”, Not MPTS), max 48 HDMI inputs from 6 encoder modules
- HEVC/ H.265 , MPEG 4 AVC/H.264 video encoding format
- MPEG1 Layer II, LC-AAC, HE-AAC audio encoding format and AC3 Pass Through, and audio gain adjustment
- Support IP Output over UDP (Unicast/Multicast), SRT, RTSP, RTP, RTMP, HTTP and HLS
- Support QR code, LOGO, caption insertion(Language Supported:中文,English,العربية,ไทย,हिन्दी,русская,اردو for more languages please consult us...)

## Inner Principle Chart (Per 8-HDMI Module)



## Specifications

Input	48 HDMI inputs		
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 HD/SD; MPEG-4 AVC/H.264 HD/SD	
	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	32KHz, 48KHz, 44.1KHz
	Resolution	24-bit
	Audio Gain	0-255 Adjustable
	MPEG-1 Layer 2Bit-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
<b>Stream output</b>	IP out over UDP (Unicast/Multicast),SRT, RTP,RTSP, RTMP, HTTP, HLS (RJ45, 1000M ) (8 HDMI inputs with 8 SPTS for each encoder board)	
<b>System function</b>	Network management(WEB)	
	Chinese and English language	
	Ethernet software upgrade	
<b>Miscellaneous</b>	Dimension(W×L×H)	482mm×328mm×88mm
	Environment	0~45°C(work); -20~80°C (Storage)
	Power requirements	AC 110V± 10%, 50/60Hz, AC 220 ± 10%, 50/60Hz

## Major spec comparison

	NDS3228S-N	NDS3228M-N v1	NDS3228M-N v2
HDMI Channel	8/16/24	2/4/8/16/24	48
Video Format	H.264	H.264/H.265	H.264/H.265
Resolution	HD/SD	HD	HD/SD
OSD	Yes	No	Yes
Chassis	1-U	1-U	2-U