

8 Channel HDMI Encoder-Modulator

HDM 8Q

8 in HD Encoder DVB-C Modulator supports 8 x HDM input and 2xRF (DVB-C) Output. After coded and modulated, the input signal can be directly output.

The Encoder is 1U rack mountable and can be configured by front panel LCD and NMS (Network Management Software). It's high integrated and cost-effective design makes it widely used in different kind of digital distribution systems such as cable TV head end, satellite digital TV broadcasting and terrestrial TV etc..



- Integrated Encoder and Modulator
- 8 x HDMI input
- 2 x DVB-C RF output
- Keyboard + LCD control and Network Management

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Technical Specification		
Input	HDMI	8 x HDMI 1.3
Video Coding		4:2:0 encoding H.264 HP @L4 MP@L3
		H.264 Adaptive Field Frame (AFF)
		H.264 Field-Based (FB)
		full HD: 1920 x 1080 x 60/50i, 1280 x 720 x 60p/50p
Standard		ISO/ IEC14496- 10 (H.264/MPEG-4 AVC)
Bit Rate		1.0~15Mbps continuously adjustable per channel
Audio Coding	HDMI	embedded audio
	Sampling	32 KHz, 44.1KHz, 48KHz
	Code Rate	64, 128, 192, 256, 384Kbps
Output		2 x DVB-C RF (47-870MHz), F-head
DVB-C Modulation	Frequency Range: 47~870MHz, 1KHz stem	Output Level: 80-110dB
	Constellation: 16/32/64/128/256-QAM	Symbol Rate: 5-9Msps
	Error-Correcting Codes: RS code 188/204	BER: 0
	Impedence: 75 Ohm	MER: >39dB
	Level Attenuation Range: 0~30dB (0.5dB step)	
General Features	Size	482mm x 280mm x 44mm
	Temperature Range	0~45°C (Operation); -20~80°C (Storage)
	Power	100-240VAC, 50Hz, 25W