

4IN1 DVB-T HD Encoder Modulator



Overview

4IN1 HD Encoder DVB-T Modulator supports 4xHDMI input and 1xRF (DVB-T) output. After coded and modulated, the input signal can be directly output or mixed output with original TV signal. It suits 1U rack and can be configured by front panel LCD and NMS (network management software). Its high-integrated and cost-effective design makes it widely used in varieties of digital distribution systems such as cable TV digital head-end, satellite digital TV broadcasting and terrestrial digital TV, etc.

Feature

- ◆ Integrated encoder and modulator
- ◆ 4xHDMI input
- ◆ DVB-T RF out
- ◆ RF Range: 36-900Mhz

- ◆ Keyboard+LCD control and network management

Technical Specification

Input	HDMI	4xHDMI 1.3, support 1080p	
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: 1920x1080x60/50i/p, 1280x720x60p/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	32KHz, 44.1KHz, 48KHz	
	Code Rate	64, 128, 192, 256, 384Kbps	
Output		1xDVB-T RF (30-960MHz), F-head	
DVB-T Modulation	Frequency Range: 36~900MHz, 1KHz step		Output Level: 60~90dB
	Constellation: QPSK, 16 QAM, 64 QAM		Bandwidth: 6M, 7M, 8M
	Baudrate: 1/2, 2/3, 3/4, 5/6, 7/8		Transmode: 2K, 8K
	Protection Interval: 1/32, 1/16, 1/8, 1/4		MER: ≥42dB
	Level Attenuation Range: 0~30dB		
General Features	Size	482mmx410mmx44mm	
	Temperature Range	0~45°C (operation); -20~80°C (storage)	
	Power	100-240VAC, 50Hz, 25W	