

8IN1 DVB-T SD Encoder Modulator



Overview

HPS1408B 8IN1 SD Encoder Modulator supports 8×CVBS and 8 pairs of unbalanced audio and IP input and 1×RF output. After coded and modulated, the input signal can be directly output or mixed output with original TV signal. It can be widely used in digital TV broadcasting, home entertainment, security and protection monitoring, hotel LCD panels, shopping mall advertising and other similar places.

Feature

- ◆ Integrated encoder and modulator
- ◆ 8CVBS+Audio and IP input
- ◆ DVB-T RF out
- ◆ RF Range: 30-960Mhz
- ◆ Keyboard+LCD control and network management

Technical Specification

Input	Video Signal	8×CVBS, BNC interface, level 1.0 Vp-p	
	Audio Signal	8 pairs of unbalanced audio, BNC interface, level 2.0 Vp-p	
	IP	IP pass-through	
Video Coding		comply with ISO11172 (MPEG-1) & ISO13818 (MPEG-2)	
		MPEG-2 coding adopt MP@ML (4:2:0)	
		MPEG-2 Adaptive Field Frame (AFF)	
		MPEG-2 Field-Based (FB)	
Resolution		720×576 (PAL); 720×480 (NTSC)	
Bit Rate		1.0~15Mbps continuously adjustable per channel	
Audio Coding	Sampling	32KHz, 44.1KHz, 48KHz	
	Code Rate	64, 96, 128, 256, 384Kbps	
	Property	MPEG-1, Layer 1/2	
Output		1×DVB-T RF (36-900MHz), 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	482mm×410mm×44mm	
	Temperature Range	0~45°C (operation); -20~80°C (storage)	
	Power	100-240VAC, 50Hz, 25W	