

HP4136A 12IN1 SD Encoder Modulator



Overview

HP4136A 12IN1 DVB-T SD Encoder Modulator supports 12×CVBS and 12 pairs of unbalanced audio 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 CATV system, home entertainment, security and protection monitoring, hotel LCD panels, shopping mall advertising and other similar places.

Feature

- ◆ Integrated encoder and modulator
- ◆ 12*CVBS+Audio
- ◆ DVB-T RF out
- ◆ RF Range: 36-900Mhz
- ◆ Keyboard+LCD control and network management

Technical Specification

Input	Video Signal	12×CVBS	
	Audio Signal	12 pairs of unbalanced audio	
Video Coding		MPEG2/H.264 full D1	
Resolution		720×576 (PAL); 720×480 (NTSC)	
Bit Rate		1.0~15Mbps continuously adjustable per channel	
Audio Coding	Sampling	48KHz	
	Code Rate	64, 128, 192, 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		Level Attenuation Range: 0~30dB
General Features	Size	482mm×280mm×44mm	
	Temperature Range	0~45°C (operation); -20~80°C (storage)	
	Power	100-240VAC, 50Hz, 25W	