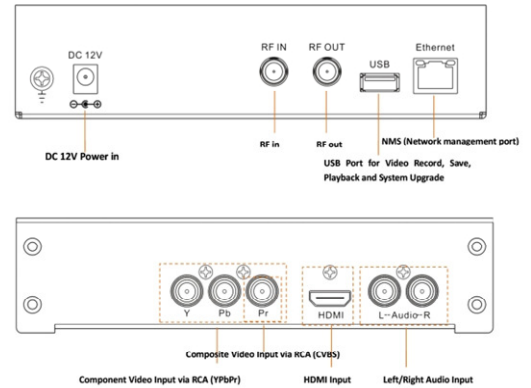


HD124B SERIES HD ENCODER & MODULATOR

FEATURES:

- All-in-one integrating MPEG-2 & MPEG-4 AVC/H.264 encoding and DVB modulating
- Support "Program Name" & "LCN" (Logical Channel Number)
- Support video recording and playback through USB port
- LCD display and control setting on front panel
- Support Web "NMS"
- Standalone wall mount type
- External power supply unit



TECHNICAL SPECIFICATIONS:

Model		DVBT-HD124B	DVBC-HD124B	
Input section (Video)	Interface	1 x HDMI, 1 x YPbPr, 1 x CVBS		
	Encoding	MPEG-2, MPEG-4 AVC/H.264		
	Resolution	HDMI	1920x1080_60p / 50p (MPEG-4 AVC/H.264 only), 1920x1080_60i / 50i, 1280x720_60p / 50p	
		YPbPr	1920x1080_60i / 50i, 1280x720_60p / 50p	
		CVBS	720x576_50i (PAL), 720x480_60i (NTSC)	
Bit-rate	0.500~19.500Mbps			
Input section (Audio)	Interface	HDMI, 1 Stereo, 2 Mono		
	Encoding	MPEG1 layer II, MPEG2-AAC, MPEG4-AAC, Dolby AC3 (optional)		
	Pass-through	AC3		
	Sampling rate	48KHz		
	Bit-rate	64, 96, 128, 192, 256, 320, 384Kbps		
USB Function	Compatibility	Compatible with Hard Disks and USB Keys (USB 2.0, 3.0 acceptable; file system FAT32)		
	Recording	TS video		
	Playback	TS video, single or multi video can be played on a loop		
Output section (RF)	Standard	DVB-T COFDM	J.83A (DVB-C), J.83B, J.83C	
	Bandwidth	6M, 7M, 8M	J.83A: 8M / J.83B & J.83C: 6M	
	Constellation	QPSK, 16QAM, 64QAM	J.83A: 16, 32, 64, 128, 256QAM J.83B & J.83C: 64, 256QAM	
	Code rate	1/2, 2/3, 3/4, 5/6, 7/8	---	
	Guard interval	1/32, 1/16, 1/8, 1/4	---	
	Transmission mode	2k, 8k	---	
	Symbol rate	---	5000~9000Ksps	
	MER	>42dB	>43dB	
	Adjustable output frequency	30~960MHz (1KHz step)		
	Adjustable output level	-36~-16dBm (72~92dBμV) 0.1dB step		
	Spurious	>55dB		
	RF loop-in loss	-1dB		
	Connector	F type (75Ω)		
General	Mains supply voltage	100~240VAC		
	Operating voltage	12VDC / 23W		
	Dimensions	237mm(H) x 200mm(W) x 49mm(D)		
	Weight	1kg		
	Temperature	0~45°C (operating), -20~80°C (storage)		