

CV400R SERIES SD ENCODER & MODULATOR

FEATURES:

- All-in-one integrating MPEG-2 encoding and DVB modulating
- Support 4 channels CVBS input and 1 ASI input re-mux
- DVB-C, DVB-T, ISDB-T and ATSC output optional
- Support ASI output and IP output (MPTS)
- Support "Program Name" and "LCN" insertion
- LCD display and control setting on front panel
- Ethernet software upgrade
- Support Web "MNS"



TECHNICAL SPECIFICATIONS:

Model		DVBC-CV400R	DVBT-CV400R	ISDBT-CV400R	ATSC-400R
Input section (Video)	Input	4 x CVBS (BNC)			
	Encoding	MPEG-2 MP@ML (4:2:0)			
	Resolution	720 x 576_50i (PAL) / 720 x 480_60i (NTSC)			
	Bit-rate	1.000~19.500Mbps			
Input section (Audio)	Input	4 x L/R (BNC)			
	Encoding	MPEG-1 layer II			
	Sampling rate	48KHz			
	Bit-rate	64, 96, 128, 192, 256, 320Kbps			
Input section (ASI)		1 x ASI (BNC)			
Output section (RF)	Standard	DVB-C QAM	DVB-T COFDM	ARIB STD-B31	ATSC A/53
	Bandwidth	6M, 8M	6M, 7M, 8M	6M	6M
	Constellation	J.83A: 16, 32, 64, 128, 256QAM J.83B & J.83C: 64, 256QAM	QPSK, 16QAM, 64QAM	DQPSK, QPSK, 16QAM, 64QAM	8VSB
	Code rate	---	1/2, 2/3, 3/4, 5/6, 7/8	---	---
	Guard interval	---	1/32, 1/16, 1/8, 1/4	1/32, 1/16, 1/8, 1/4	---
	Transmission mode	---	2k, 8k	2k, 4k, 8k	---
	Symbol rate	5000~9000Ksps	---	---	---
	FFT mode	---	---	---	---
	Frame mode	---	---	---	---
	FEC	---	---	---	---
	Interleaving	---	---	---	---
	MER	>38dB			
	Adjustable output frequency	30~960MHz (1KHz step)			
	Adjustable output level	-30~-10dBm (78~98dBμV) 0.1dB step			
	Spurious	>55dB			
RF loop-in loss	-1dB				
Connector	F type (75Ω)				
Stream output	ASI	2 x ASI output, BNC interface			
	IP	MPTS over UDP, RJ45 100M, (UDP unicast / multicast)			
General	Mains supply voltage	100~240VAC			
	Consumption	25W			
	Dimensions	44mm(H) x 482mm(W) x 300mm(D)			
	Weight	4.5kg			
	Temperature	0~45°C (operating), -20~80°C (storage)			