

## AV ENCODER & DTMB MODULATOR

### FEATURES:

- Suitable for Hong Kong Digital Terrestrial TV system
- 1, 2 & 4 AV input
- ASI in/out with re-mux
- With IP output (MPTS)
- Support "Program Name" & "LCN" insertion
- LCD display and control setting on front panel
- Ethernet software upgrade
- Support Web "NMS"



### TECHNICAL SPECIFICATIONS:

Model		DTMB-CV100S	DTMB-CV100R	DTMB-CV200R	DTMB-CV400R
Type		Wall mount	Rack mount		
Input section (Video)	Input	1 x CVBS (BNC)	2 x CVBS (BNC)	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	1 x L/R (BNC)	2 x L/R (BNC)	4 x L/R (BNC)	
	Encoding	MPEG-1 layer II			
	Sampling rate	48KHz			
	Bit-rate	64, 96, 128, 192, 256, 320Kbps			
Output section (DTMB)	Standard	GB20600-2006			
	Channel bandwidth	8M			
	FFT mode	1, 3780, 1+pilot			
	Constellation	4QAM-NR, 4QAM, 16QAM, 32QAM, 64QAM			
	Frame mode	420, 595, 945, 420var, 945var			
	FEC	0.4, 0.6, 0.8			
	Interleaving	240, 720			
	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	Rack mount type: 44mm(H) x 482mm(W) x 300mm(D) Wall mount type: 250mm(H) x 268mm(W) x 44mm(D)			
	Weight	3kg			
	Temperature	0~45°C (operating), -20~80°C (storage)			