

DVB-C to DTMB TRANSMODULATOR

FEATURES:

- Suitable for Hong Kong Digital Terrestrial TV system
- 1 or 2 DVB-C QAM channels input to DTMB transmodulation
- Complete transport stream processing and re-multiplexing
- 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-DC100R	DTMB-DC200R
Input section (QAM)	No. of input	1	2
	Input frequency range	51 ~ 858MHz (1KHz step)	
	Input level	45 ~ 80dB μ V	
	Symbol rate	5000 ~ 6956Ksps (1Ksps step)	
	Constellation	16QAM, 32QAM, 64QAM, 128QAM, 256QAM	
	RF loop-out loss	-1dB	
	Connector	F type (75 Ω)	
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 (78~98dB μ V) 0.1dB step	
	Spurious	>55dB	
	RF loop-in loss	-1dB	
Connector	F type (75 Ω)		
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 (without CAM)	
	Dimensions	44mm(H) x 482mm(W) x 300mm(D)	
	Weight	3kg	
	Temperature	0~45°C (operating), -20~80°C (storage)	