

DVB-S/S2 to DTMB TRANSMODULATOR

FEATURES:

- Suitable for Hong Kong Digital Terrestrial TV system
- 1, 2 or 4 Satellite xPSK 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"
- With CI slots, multiple programs decryption support (optional)



TECHNICAL SPECIFICATIONS:

Model		DTMB-DS100R	DTMB-DS200R	DTMB-DS400R
Input section (xPSK)	No. of input	1	2	4
	Input frequency range	950 ~ 2150MHz (500KHz step adjustable)		
	Input level	-65~-20dBm (43~88dBμV)		
	Symbol rate	2~45MS/s		
	FEC	1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10		
	Constellation	QPSK, 8PSK		
	RF loop-out loss	-1dB		
	Connector	F type (75Ω)		
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 (without CAM)		
	Dimensions	44mm(H) x 482mm(W) x 300mm(D)		
	Weight	3kg		
	Temperature	0~45°C (operating), -20~80°C (storage)		