

IP to MULTI-CHANNEL OUTPUT MODULATOR

FEATURES:

- All-in-one integrating IP to DVB modulating
- Multi-channels modulation combined to one RF output port
- 2 GE input, SFP interface
- Support IP output over UDP/RTP/RTSP, unicast/multicast
- Support general scrambling system for DVB-C
- Support Web "NMS"



TECHNICAL SPECIFICATIONS:

Model		DVBC-IP216R	DVBT-IP208R	DTMB-IP208R
Input section (IP)	Input	512x2 IP input, 2x 100/1000M Ethernet Port (SFP)		512 IP input, 1x 100/1000M Ethernet Port (SFP)
	Transport Protocol	TS over UDP/RTP/RTSP, unicast and multicast, IGMP V2/V3		
	Transmission Rate	Max 840Mbps for each GE input		
MUX	Input channel	1024		512
	Output channel	16	8	8
	Max PIDs	180 per channel	180 per channel	---
	Function	PID remapping (auto/manually optional)		
		PCR accurate adjusting		
		PSI/SI table automatically generating		
Scrambling Parameters	Max simulcrypt CA	4	---	---
	Standard	ETR289, ETSI 101 197, ETSI 103 197	---	---
	Connection	Local/remote	---	---
Modulation Parameters	Standard	EN300 429, ETSI 101 197, J.83A/B/C	ETSI EN300 744	GB20600-2006
	Bandwidth	8M	6M, 7M, 8M	8M
	Constellation	16, 32, 64, 128, 256QAM	QPSK, 16QAM, 64QAM	4, 16, 32, 64QAM
	FEC	RS (204, 188)	1/2, 2/3, 3/4, 5/6, 7/8	0.4, 0.6, 0.8
	Symbol rate	5.0~7.0Msps (1ksps stepping)	---	---
	Transmission mode	---	2k, 4k, 8k	---
	FFT mode	---	---	1, 3780, 1+pilot
	Frame mode	---	---	420, 595, 945, 420var, 945var
Interleaving	---	---	240, 720	
Output section (RF)	Adjustable output frequency	50~960MHz (1KHz stepping)		
	No of Carrier combined output	16 (within 192MHz)	8 (within 192MHz)	8 (within 200MHz)
	Adjustable output level	-20~+10dBm (87~117dBμV) 0.5dB stepping		
	MER	>40dB		
	ACLR	>60dBc	>55dBc	>55dBc
	Connector	F type (75Ω)		
IP output	No of IP output	16	8	8
General	Mains supply voltage	AC100V±10% or AC220V±10% 50/60Hz		
	Consumption	<20W		
	Dimensions	44mm(H)x482mm(W)x420mm(D)	44mm(H)x482mm(W)x420mm(D)	44mm(H)x482mm(W)x370mm(D)
	Weight	3kg		
	Temperature	0~45°C (operating), -20~80°C (storage)		