

## IP TO ATSC MODULATOR

### FEATURES:

- All in one 8 multiplexers with 256 IP input and 8 ATSC channels modulation
- Support 3 modules embedded, 8 MUX and 8 ATSC for each module
- Max 768 IP input, UDP/RTP and MPTS or SPTS
- Max 2520Mbps for input data
- Support MPEG-2/MPEG-4 re-multiplexing and MPTS/SPTS multiplexer
- Support PSI/SI editing and inserting
- Dual power supply
- Support Web "NMS"



### TECHNICAL SPECIFICATIONS:

Model		ATSC-IP808R	ATSC-IP816R	ATSC-IP824R
Input section (IP)	Interface	1GE input, RJ45 interface or SFP		
	Transport Protocol	TS over UDP/RTP, unicast and multicast, IGMP V2/V3		
	Transmission Code	Max 840Mbps	Max 1680Mbps	Max 2520Mbps
Multiplexing	Input channel	256	512	768
	Output channel	8	16	24
	Max PIDs	180 per input channel		
	Functions	PID remapping PCR accurate adjusting PSI/SI table automatically generating		
Output section (ATSC)	RF output port	2	2x2	2x3
	ATSC channels	Total 8, 4 adjacent channels for each output port	Total 16, 2 group of 4 adjacent channels for each output port	Total 24, 3 group of 4 adjacent channels for each output port
	Standard	ATSC A/53		
	Constellation	8VSB		
	FEC	RS (204, 188) + Trellis		
	Adjustable output frequency	48~860MHz (1KHz step)		
	Adjustable output level	-16~0dBm (0.5dB step) / per each output port		
	MER	>40dB		
	ACLR	-55dBc		
Connector	2x F type (50Ω)			
General	Mains supply voltage	100VAC or 220VAC ±10%, 50/60Hz		
	Consumption	16W	20W	24W
	Dimensions	44mm(H) x 482mm(W) x 455mm(D)		
	Weight	9kg	12kg	15kg
	Temperature	0~45°C (operating), -20~80°C (storage)		