

SBA MUX, SCR Y MODULADOR QAM 082

Equipo modular compuesto por tres tarjetas y una fuente. Cada tarjeta puede recibir TS en formato UDP a través de los puertos GE, además, soporta 256 direcciones IP. Tiene 8 multiplexores, 8 scramblers y 8 modulares QAM DVB-C que entregan portadoras adyacentes entre 48 M y 860Mhz a través de los dos puertos RF.



SPECIFICATIONS

- 1 GE input, RJ45 interface or SFP
- Supports up to 256 channels TS over UDP/RTP, MPTS or SPTS input
- Supports unicast and multicast, supports IGMP v2\v3
- Max 840Mbps for all input
- Supports MPEG2 re-multiplexing and MPTS/SPTS multiplexing
- Supports accurate PCR adjusting
- Supports PID filtering, remapping and PSI/SI editing
- Supports up to 180 PIDS remapping per channel
- Support DVB general scrambling system(ETR289), simulcrypt standards ETSI 101 197 and ETSI 103 197
- Support multiplexed or scrambled TS over UDP/RTP output
- 8 adjacent QAM carriers output, compliant to DVB-C (EN 300 429) and ITU-T J.83 A/B/C
- Supports symbol rate 5.0~9.0Msps, 1Ksps stepping

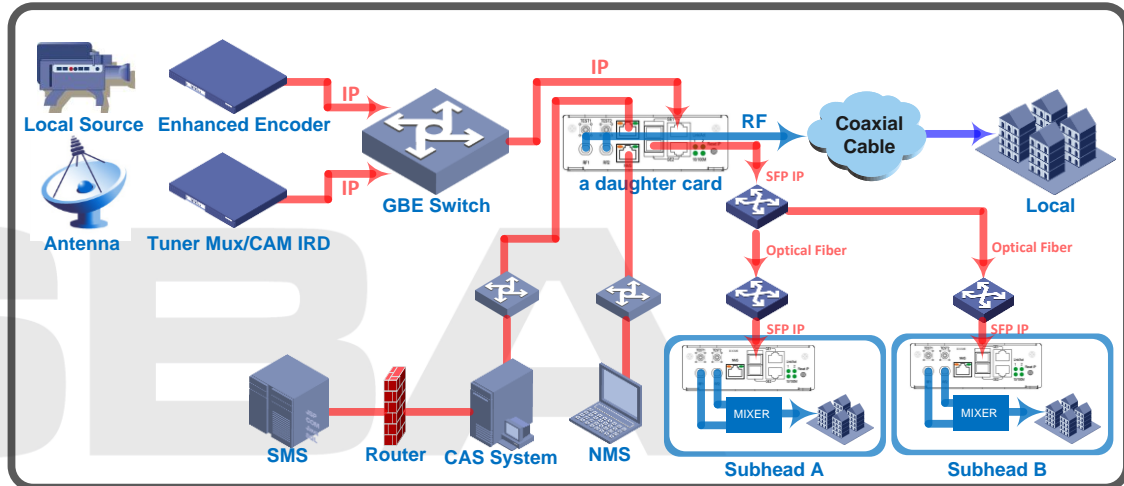
- Supports constellation: 16QAM/32QAM/64QAM/128QAM/256QAM
- Supports RS(204,188) encoding
- RF output frequency range: 30~860Mhz, 1Khz stepping
- RF output level: -16~0dbm(per QAM carrier), 0.5db stepping
- Excellent RF performance, MER≥40db
- Support NMS/SNMP
- Modular design,1U chassis support 3 modules , 4U chassis support 12 modules

Input	Interface	1GE (RJ45) or 1 SFP input port , hot backup
	Transport Protocol	TS over UDP/RTP, unicast and multicast, IGMP V2/V3
	Transmission Code	Max 840Mbps for all channels
MUX	Input Channel	256
	Output Channel	8
	Max PIDs	180 per channel
	Functions	PID remapping(auto/manually optional)
		PCR accurate adjusting
	PSI / SI table automatically generating	
Scrambling Parameters	Max simulcrypt CA	4
	Scramble Standard	ETSI 101 197,ETSI 103 197
	Connection	Local/remote connection
Modulation	QAM Channel	8

Parameters	Modulation Standard	EN300 429/ITU-T J.83A/B/C
	Symbol Rate	5.0~7.0Msps , 1ksps stepping
	Constellation	16、 32、 64、 128、 256QAM
	FEC	RS(204, 188)
RF Output	Interface	2 F typed output port for 8 carriers, 75Ω impedance
	RF Range	48~860MHz , 1kHz stepping
	Output Level	-16dBm~6dBm(output IP from one F type) , 0.5dB stepping
	MER	≥ 40dB
	ACLR	-60 dBc
System	Network management software (NMS) supporting	
General	Demission (WxLxH)	630mm×440mm×44.5mm
	Weight	9kg
	Temperature	0~45°C(operation) , -20~80°C(storage)
	Power Supply	AC 100V±10% , 50/60Hz or AC 220V±10% , 50/60Hz
	Consumption	15.4W

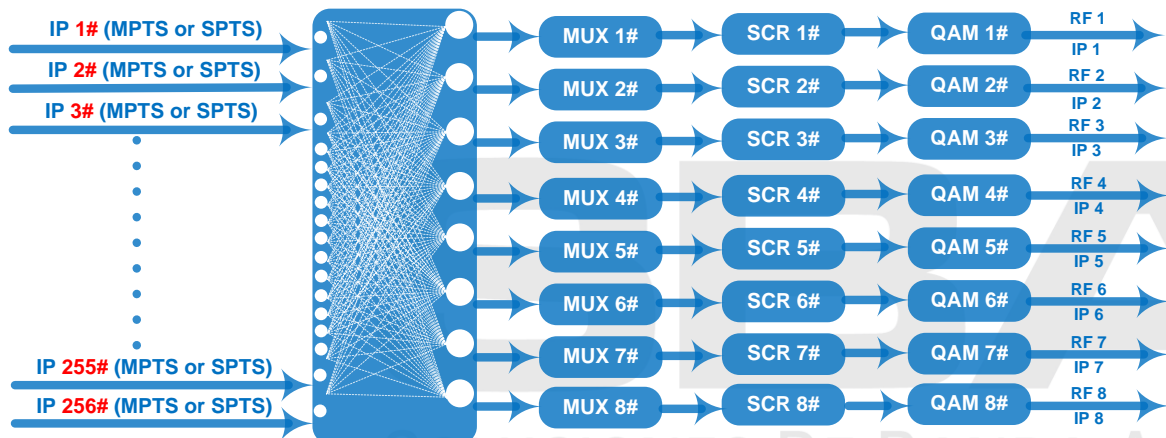
APLICACIONES

System Connection Sample IP Base



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PRICIPLE CHART



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