

Overviews

SQM-B32-I IP Mux-Scrambling modulator is the latest generational Mux-scrambling-modulating all-in-one device developed by Hondao. It has 32 multiplexing channels, 32 scrambling channels and 32 QAM (DVB-C) modulating channels, and supports maximum 1024 IP input through the GE port and 32 non-adjacent carriers (50MHz~960MHz) output through the RF output interface. The device is also characterized with high integrated level, high performance and low cost. This is very adaptable to newly generation CATV broadcasting system.



Feature

- 2 GE input, SFP interface
- Supports up to 1024 channels TS over UDP/RTP, unicast and multicast, IGMP v2v3
- Max 840Mbps for each GE input
- Supports accurate PCR adjusting
- Supports CA 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 32 multiplexed or scrambled TS over UDP/RTP/RTSP output
- 32 non-adjacent QAM carriers output, compliant to DVB-C (EN 300 429) and ITU-T J.83 A/B
- Supports RS (204,188) encoding
- Support Web-based Network management

Specification

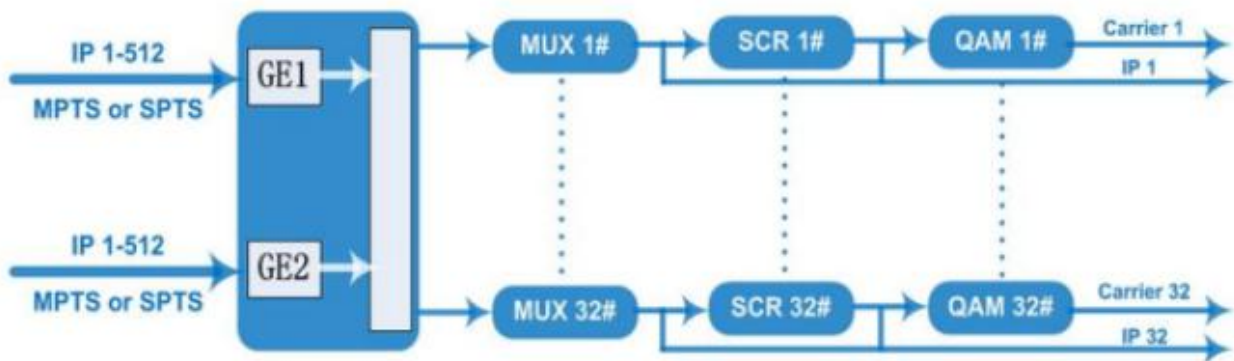
Item	Parameter		
Input	Input	512×2 IP input, 2*100/1000M Ethernet Port (SFP)	
	Transport Protocol	TS over UDP/RTP, unicast and multicast, IGMP V2/V3	
	Transmission Rate	Max 840Mbps for each GE input	
Mux	Input Channel	1024	
	Output Channel	32	
	Max PIDs	180PER CHANNEL	
	Functions	PID remapping(auto/manually optional)	
		PCR accurate adjusting	
		PSI/SI table automatically generating	
Scrambling Parameters	Max simulscrypt CA	4	
	Scramble Standard	ETR289, ETSI 101 197, ETSI 103 197	
	Connection	Local/remote connection	
Modulation Parameters	QAM Channel	32 non-adjacent carrierL	
	Modulation Standard	EN300 429/ITU-T J.83A/B	
	Symbol Rate	5.0~7.0Msps, 1ksps stepping	
	Constellation	16, 32, 64 , 128, 256QAM	
	FEC	RS (204, 188)	

SQM-B32-I

IP QAM MODULATOR



RF Output	Interface	1 F typed output port for 32 carriers, 75Ω
	RF Range	50~960MHz, 1kHz stepping
	Output Level	-20dBm~+10dBm , 0.1dB stepping
	MER	≥ 40dB
	ACLR	-60 dBc
TS output	32 IP output over UDP/RTP/RTSP, unicast/multicast, 2*100/1000M Ethernet Ports (SFP)	
General	Demission	420mm×440mm×44.5mm (WxLxH)
	Weight	3kg
	Temperature	0~45℃(operation), -20~80℃(storage)
	Consumption	15.4W



We produce a wide selection of network equipment under HONDAO brand . Gather thousands of products ,which are supplier to customs of different filed and different requirement . QC team test all goods before shipment . We screen the Chinese supplier in a search of the most efficient product solutions available to satisfy your individual needs.

Welcome to Hondao Optic Ltd . If there are any question ,contact us anytime.