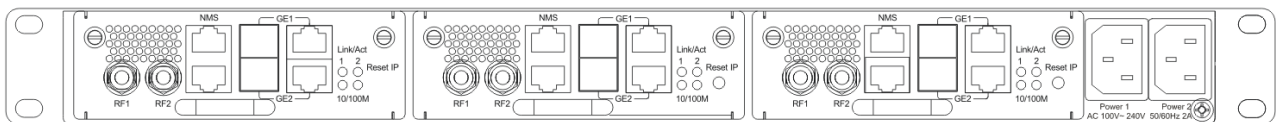
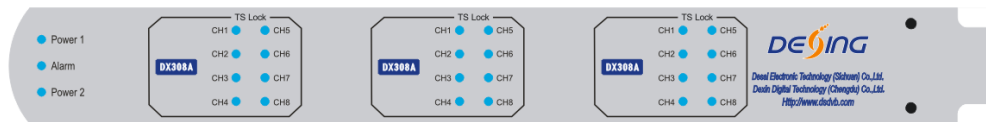


Module Series

DX308A 8in1 IP Mux-QAM Module



Outline

DX308A 8in1 IP Mux-QAM module is the latest generational QAM modulator with high integrated level and performance. The modular design of this device makes each of its daughter cards stand-alone when operating. Besides, each daughter card can receive the UDP format TS through GE port, furthermore, it supports up to 256 different input address (IP address and port No). This device is combined 8 multiplexers with 256 channels inputs and 8 QAM (DVB-C) modulators, which can output adjacent channel RF carrier(30M~860M)through the two RF output interface (4 carriers for each). Additionally, the 1U chassis for this modulator supports up to 3 modules (24 channels QAM) while the 4U chassis supports up to 12 modules (96 channels QAM). This DX308A 8in1 IP QAM modulator has excellent integrated level, powerful performance and low cost, which is special adequate for the new generation CATV system.

Features

- Dual power supply (option)
- 1 GE input(RJ45interface) or SFP for each daughter module
- Supports up to 256 channels TS over UDP, MPTS or SPTS
- Supports unicast and multicast, supports IGMP v2\v3
- Max 840Mbps for all input
- Supports MPEG2/MPEG-4 re-multiplexing and MPTS/SPTS multiplexing
- Supports accurate PCR adjusting

Module Series

DX308A 8in1 IP Mux-QAM Module

- Supports PID filtering, remapping and PSI/SI editing
- Supports up to 180 PIDS remapping per channel
- Support multiplexed TS over UDP output
- 8adjacent QAM carriers output, compliant to DVB-C(EN300 429) and ITU-T J.83A/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 \geq 40db
- Modular design,1U chassis support 3 modules , 4U chassis support 12 modules
- Support net management (NMS)

Specifications

Input	Interface	1GE input, RJ45 interface or SFP
	Transport protocol	TS over UDP, uni-cast and multicast, IGMP v2/v3
	Transmission code	Max 108Mbps per channel Max 840Mbps amount channels
Multiplexing	Input channel	256
	Output channel	8
	Maximum PIDs	180 per channels
	Functions	PID re-mapping(auto/manual optional) PCR accurate adjusting Automatic generating PSI / SI table
Modulator Parameters	QAM channel	8
	Standard	DVB-C(EN300 429), ITU-T J.83A/B/C
	Symbol rate	5.0~9.0Msps, 1ksps stepping
	Constellation	16QAM、32QAM、64QAM、128QAM、256QAM
	FEC	RS(204, 188)
RF output	Interface	2 F type connectors

Module Series

DX308A 8in1 IP Mux-QAM Module

	RF range	30~860MHz, 1kHz stepping
	Output level	-16dBm~0dBm(per QAM carrier),0.5dB stepping
	MER	≥ 40dB
	ACLR	-55dBc
System	Supporting NMS management	
General	Demission(WxLxH)	630mm×440mm×44.5mm
	Weight	9kg
	Temperature	0~45℃(operation), -20~80℃(storage)
	Power supply	AC 100V±10%, 50/60Hz AC 220V±10%, 50/60Hz
	Consumption	15.4W

Order information:

	DX328	DX318	DX308A	DX328A	DX324T
multiplexing	●	●	●	●	●
DVB scrambling	●	●			
QAM×8 modulation	●		●		
8VSB×8 modulation				●	
DVB-T×4 modulation					●