

## DX308 8 in 1 IP MUX-QAM Module



### Outline

DX308 8 in1 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 10 different IP address or port numbers. This device combines 8 multiplexers with 10 channels inputs and 8 QAM (DVB-C) modulators together, which can output adjacent channel RF carrier ( 48M~860M ) through the two RF output interfaces (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 DX308 8 in1 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
- Modular design, 1U chassis supports up to 3 modules
- Fully complying with EN300 429/ITU-T J.83A/J.83B/J.83C
- 2 GE ports support backup input, up to 10 IP inputs, network de-bounce
- Supporting UDP protocol, uni-cast and multicast, IGMP V2/V3
- Single input IP max value 108Mbps, amount input coding stream value 840Mbps
- Direct-connection input or be multiplexed to 8 output channels
- Any input channel to any output channel multiplexing, amount of output PID per input is 256(maximum)
- PCR fine-tuning
- PSI / SI editing and inserting
- 8 QAM modulation carrier output, 4 adjacent channel carrier output, 2 RF output
- 16QAM/32QAM/64QAM/128QAM/256QAM modulation constellation optional
- Symbol rate range: 5.0Msps~7.0Msps
- RF output range: 48MHz~860MHz in 1kHz step
- RF output level attenuation: -14dBm~6dBm in 0.5dB step
- MER≥40dB
- Network management system