4IN1 ASI QAM Modulator

Overview

4IN1 ASI QAM Modulator has 4×ASI input and 4×QAM modulating carrier output. Each carrier has independent signal channel encoding and direct RF output. One set of 4in1 QAM modulator can work as 4 stand alone QAM modulators, which significantly reduces the network operators' head-end cost. It suits 1U rack and can be configured by front panel LCD and NMS (network management software). Its high-integrated and cost-effective design makes it widely used in varieties of digital broadcasting distribution systems.

Features

- 4×ASI input
- Symbol rate range: 1~7Mbaud/s
- RF frequency range: 47~870MHz
- RF output level: 85dBuV~105dBuV (1khz step)
- LCD/Keyboard control by front panel and network management by Ethernet

Technical Specifications

Input		4×ASI, BNC interface
Output	**Interface**	RF, F-head
	Constellation	16, 32, 64, 128, 256 QAM
	Standard	EN300 429/ITU-T J.83A
	Symbol Rate	5~9 Msps
	Error-Correcting Codes	RS code188/204
	Impedance	75Ω
	Frequency Range	47~870MHz, 1Khz step
	Output Level	≥110dBμV
	MER	≥40dB
	BER	0
Management		network RJ-45, 10/100M
		Keyboard+LCD
General Features	**Size**	482mm×280mm×44mm
	Temperature Range	0~45°C (Operation); -20~80°C (Storage)
	Power	100-240VAC, 50Hz, 25W