

# 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

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