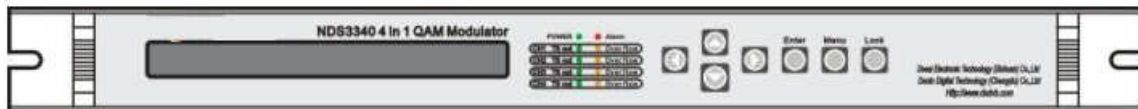


Modulator Series

4 in 1 QAM Modulator



Outline

EK3340 4 in 1 QAM is a cost effective integrated QAM modulator designed by DEXIN Company. This device is integrated up to 4 channel QAM modulating carrier outputs, in which each carrier has independent signal channel encoding and direct RF output. Therefore, the device is featured with excellent RF performance index. It supports 4 channel ASI inputs. Alternatively, this device can take various RF inputs of DVB-S/DVB-C/DVB-T signals by installing the relevant build-in tuners. Hence, one PCS 4 in 1 QAM modulator can work as 4 standalone QAM modulators, significantly reducing the network operators' head-end cost. EK3340 can also support local and remote control to set its working parameters.

Features

- ◇ Fully support EN300 429/ITU-T J.83A
- ◇ 4 adjacent channel QAM carrier
- ◇ 4 ×ASI inputs and 188/204 byte TS packet support
- ◇ DVB-S/- S2/- C/ -T RF input (optional)
- ◇ Accurate PCR adjusting support
- ◇ 16, 32, 64, 128, 256 QAM constellation support
- ◇ Symbol rate adjustment range: 1.0Mbps~7.0Mbps
- ◇ SI editing support
- ◇ RF output frequency: 30MHz~1000MHz, 1kHz step
- ◇ RF output level: -16dbm~0dbm, 0.5db step
- ◇ Excellent RF output performance index, MER ≥40db
- ◇ LCD & keyboard operating
- ◇ NMS support

Endereço: Rua Viçosa do Ceara, 138 – São Paulo – Brasil – CEP: 04363-090

WebSite: <http://www.ekotech.com.br>

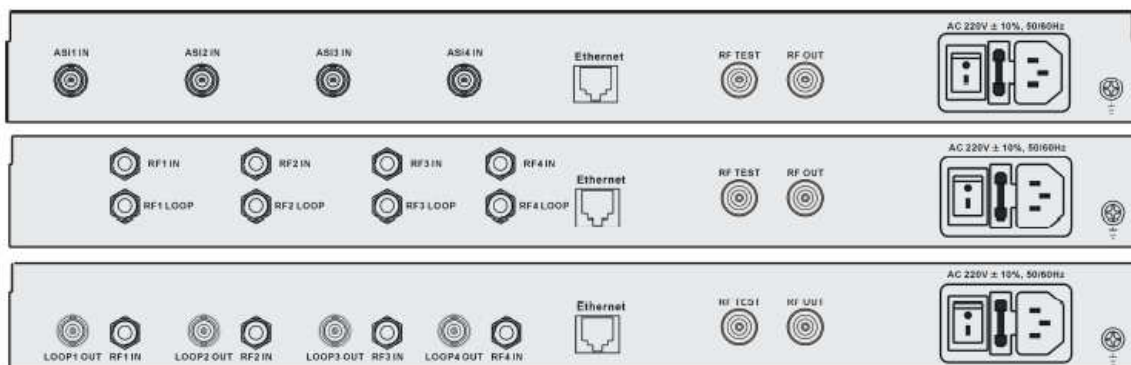
E_mail: ekotech@ekotech.com.br

Tel: 55-11-21688550

Fax: 55-11-2168-8551

Specifications

Input	4 × ASI inputs, BNC interface DVB-S/- S2/-C/-T RF input (optional)	
Modulation parameters	QAM channel	4
	Standard	EN300 429/ITU-T J.83A
	Symbol rate	1.0~7.0Mbps, 1kbps step
	Constellation	16 / 32 / 64 / 128 / 256QAM
	FEC	RS(204, 188)
RF Output	Interface	F interface, 75Ω impedance
	Frequency range	30~1000MHz, 1kHz step
	Output level	-16dbm~0dbm(each carrier) 0.5db step
	MER	≥ 40db
	ACLR (Adjacent Channel Leakage Ratio)	- 60 dBc
System	LCD/keyboard operating and NMS support	
	English and Chinese interface conversion	
	Ethernet software upgrade	
General	Dimensions (Width × Length × Height)	482mm×455mm×44.5mm
	Approx weight	6Kg
	Temperature range	0~45 °C (Operating), -20~80 °C (Storage)
	Power Requirements	AC 110V±10%, 50/60Hz or AC 220V±10%, 50/60Hz
	Power consumption	25W



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