

NVQM4

4-Channel QAM Modulator

V-SHINE

Applications

The V-SHINE®NVQM4 4-channel QAM Modulator is a key component for the cost-effective deployment and running of broadcast services over cable networks. The NVQM4 can achieve four-way independent input TS streams and modulation, also provides static PSI/SI parsing and modification, PID filtering and remapping. It can be widely used in HFC, MMDS and the other DTV networks.



Key features

- 4 x TS Inputs, 2 RF Outputs (1 main+ 1 backup)
- Supports 4 / 16 / 32 / 64 / 128 / 256 QAM
- Symbol Rate 1-7MS/s
- QAM modulation to ITU-T J.83 Annex A with integrated upconversion
- Frequency range 50 – 860MHz
- RF output range 110 – 118dBuV
- Support ASI, DS3 (Optional) input
- Support PSI/SI parsing and editing
- Support PID remapping and filtering
- Front panel control and display
- User friendly configuration via V-SHINE®NMDVS management system
- SNMP support

Interface Specifications

ASI Input

4xASI inputs Connector: BNC, 75 Ω

Option Input

4xDS3 inputs Connector: BNC, 75 Ω

RF Output

RF X 2 (include RF test output interface)
(all of the 4 inputs out of the main RF output)

Frequency : 50 to 860 MHz

Level : 110 to 118dBuV

Signal Specifications

QAM constellations :

16, 32, 64, 128, 256 QAM

Symbol rate : 1 to 7 MS/s

Control

Front panel and keypad:

System settings and Alarm info.

NMDVS supported via 100Base-T Ethernet.

SNMP remote control

Physical and power

Dimensions: (W×D×H)

48.3 x 35.0 x 4.4cm(19.0"×13.8"×1RU)

Approx Weight: 6kg

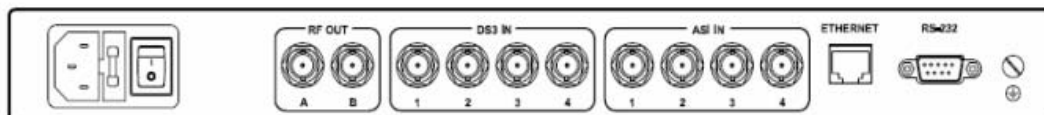
Power Input: 90 - 264Vac

Power consumption maximum : 10.5W

Environmental conditions

Operating temperature: 0°C to 45°C

Relative humidity: 10 - 90%



<http://www.v-shine.com/english>

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