

NVEN-X MPEG-2 Multi-Channel Encoder

V-SHINE

Applications

The V-SHINE[®]NVEN-X combines 4 or 8-channel MPEG2 encoding, DVB multiplexing and is suitable for cable or MMDS broadcast. In 1RU chassis, all function modules are designed elaborately for mutual EMC/EMI consideration. The NVEN-X employs special power supply and ventilation system to improve its reliability.



Business benefits

- Reduce operational costs by multi-channel encoding
- Versatile platforms for future upgrade
- Maximize bandwidth utilization by minimizing bit-rates. This is achieved by a unique combination of advanced pre-processing and encoding techniques
- Increase revenue opportunities by enabling additional services in your transmission

Key features

- 1RU chassis
- 4 or 8 channels MPEG-2 Video Encoding
- Up to 8 Analog CVBS and Stereo pairs
- MPEG-2 MP@ML video encoding (2 to 15 Mbps)
- MPEG Layer I/II audio encoding (64 to 512Kbps)
- PID filtering/re-mapping, PCR re-stamping
- Advanced PSI/SI generation
- 2 ASI outputs with up to 200Mbit/s and 1 x 100Base-T IP output
- 1 multiplexed TS and EPG insertion support
- User friendly configuration via V-SHINE[®]NMDVS management system

Interface Specifications

Inputs

- Video 8 Analogue composite video (PAL/NTSC)
- Audio 8 stereo pairs input via analogue ports
- TS 1 multiplexed TS

Output

- 2 ASI outputs
- 1 x 100Base-T IP output

Encoding

- MPEG-2 4:2:0 MP@ML 2 to 15Mbit/s
- MPEG Layer I/II audio encoding (64kps to 512kpbs)

Multiplexing

- PID remapping (0 to 8191)

Control

- NMDVS supported for configuration and alarm display via 100Base-T Ethernet.

Physical and power

- Dimensions(W×D×H): 48.3×35.0×4.4cm (19.0"×13.8"×1RU)
- Approx Weight: 6kg
- Power Input: 90-264Vac
- Consumption: 10.5W Maximum



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