

EVNA-S STM-1 Adapter

V-SHINE

Application

Telecom Networks are increasingly deployed for media content distribution which can be achieved in an efficient and simple way by using STM-1 Interfaces for SONET/SDH networks. Armed with the V-SHINE[®]EVNA-S adapter, V-SHINE offers the solution to carry MPEG-2 Transport Streams over Telecom Networks.



Business benefits

- Effectively configurable
- Robust clock recovery
- Compatible with other leading network adapters

Key features

- 1RU chassis
- Network adapter for signal and protocol conversion between MPEG-2 TS and STM-1
- Conversion between electronic signal and optical signal, transmit optical signal (15Km/40Km)
- Complies with ITU-T G.703
- All signal format parameters individually selectable
- Supports FEC
- PCR correction and bit stuffing
- Static PID filtering
- User-friendly configuration via V-SHINE[®] NMDVS management system
- SNMP support

Interface Specifications

ASI Input/Output

Number of inputs/outputs: 4
Connector: BNC
Impedance : 75 Ω
Packet format : 188 or 204 byte packets
Rx /Tx Specific
Connector: BNC
Impedance : 75 Ω
Interface type: STM-1 (155.520Mbit/s)
according to G.703

Optical input/output

Connector: SC

Control

Front panel and keypad:
system configuration and alarm display
NMDVS supported via 100Base-T Ethernet.
SNMP remote control

Physical and power

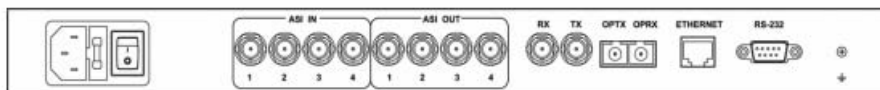
Dimensions: (W \times D \times H) 48.3 \times 35.0 \times 4.4cm
(19.0" \times 13.8" \times 1RU)

Approx Weight: 6kg
Power input: 90-264Vac
Consumption: 10.5W Maximum

Environmental conditions

Operating temperature: 0 $^{\circ}$ C to 45 $^{\circ}$ C
(32 $^{\circ}$ F to 113 $^{\circ}$ F)

Relative humidity: 10 - 90%



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

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