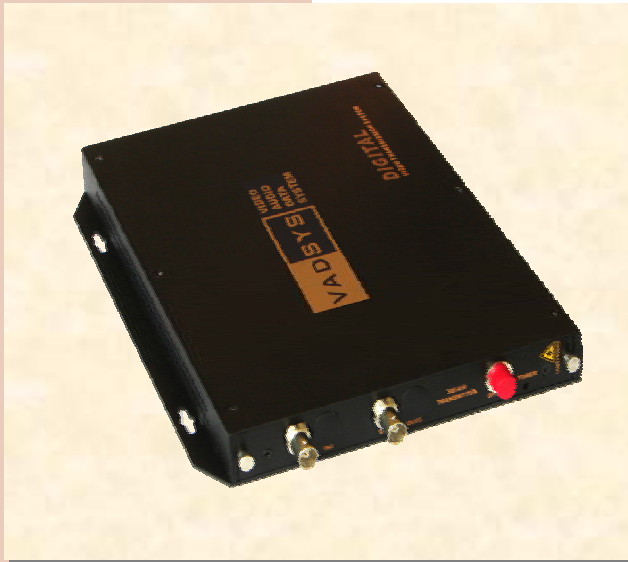


Model:  
VDS3611OE  
VDS3611EO



## Features

- Transmits 1HD-SDI television signal over one single-mode fiber.
- Operation from 19.4Mb/s to 1.485Gb/s
- Retiming for SMPTE 292M (1.485Gb/s)
- Supports data rate operation of 143, 177, 270, 360, 540 Mbps and DVB-ASI at 270 Mbps
- Supports multi-mode or single-mode fiber
- Fully hot swappable from front of frame with no fiber or BNC disconnect/reconnect required
- Automatic input cable equalization to 350m
- Power, Video Presence and Fiber Status Indicating LED's to Monitor System Performance
- 1RU, 4RU, single standalone frame options



The management system governing the manufacture of this product is ISO 9001:2000 certified.

## Ordering information

Product Model Choice	Wavelength	Numbers Of Fiber	Transfers Distance
VDS3611EO/OE <b>T/R</b> <b>S/M/L/O</b> <b>M/R/U</b> <b>F/S/T</b>	1310 or 1550nm	1	20km (40/60/80km optional)

- **T/R**: T-transmitter, R-receiver; **S/M/L/O**: S-20km, M-40KM, L-60KM, O-Order; **M/R/U**: M-stand-alone; R-1U rack-mount; U-4U rack-mount; **F/S/T**: F-FC connector, S-SC connector, T-ST connector
- Optical transmission distance is limited to optical loss if the fiber and any additional loss introduced by connectors slices and patch panels.

## Specifications

### Serial television BNC input

Standards of television signal	SMPTE 292M, 259M, 297M, 305M, 310M, M2S, DVB-ASI, and other Telecom/Datacom standards involving data rates from 19.4Mb/s to 1.5Gb/s
Reflected wear	>15db
Input/output	1/2
Output level	1Vp-p
Equilibrium	0-150@1.485Gb/s
Connector type	BNC 75Ω

### Optical

Wavelengths	1310 or 1550nm
Fiber type	SM or MM
Reflected wear	>14db
Output power	-5 ~ -10dBm
Min. input power	-24dBm
Connector type	FC/PC (SC or ST available)

### Serial television BNC output(EO/OE)

Level	800mV(standard)
Time for Up/Down	900ps(standard)
Over shoot	Swing <10%
Reflected wear	>15db
Jitter	<0.2UI
Connector type	BNC 75Ω

### Electric Index

Operating temperature range	0°C~+50°C
Voltage	0.5A@12VDC
Power	6W
EMI/RFI	FCC Part15 Class A,EU EMC standard
MTBF	>100000 hours

### Mechanical

Stand-alone size	260mm x 205mm x 25mm
Weight (KG)	1
EMI/RFI	FCC Part15 Class A,EU EMC standard

