



VS-44FO

1x1 to 4x4 3G HDSDI over Fiber Optic Matrix Switcher

| Fiber Optic



The VS44FO is a matrix switcher for 3G HDSDI video signals over fiber optical cable. The unit can switch any or all inputs to any or all outputs

FEATURES

Max. Data Rate - 3Gbps

HDTV Compatible

Optional SFP Modules - Maximum of 4 can be installed. Minimum of 1 is required

Genlock Looping Input

Selectable Sync Signal Termination

Automatic Reclocking and Equalization

Active Input™ Reporting - Each input button on the front panel automatically lights up when the unit detects a video signal on that input. Red indicates a standard definition (SDI) input signal and blue indicates a high definition (HDSDI) input signal

Multiple Memory Locations - Stores multiple switches as presets (salvos) to be recalled and executed when needed

Take Button - Executes multiple switches all at once

Vertical Interval Switching - Compliant with SMPTE RP168

Range - 240km depending on SFP modules installed

Built-in Black Burst Generator

Compatible Transmitter & Receiver - 690T & 690R

Flexible Control Options - Front panel, RS232 (with KRouter™ Windows®based software), RS485, Ethernet and IR remote (included)

Worldwide Power Supply - 100/240V AC

Standard 19" Rack Mount Size - 1U. Rack "ears" included



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TECHNICAL SPECIFICATIONS

INPUTS:	4 LC connectors for single mode fiber cable
OUTPUTS:	4 LC connectors for single mode fiber cable
GENLOCK:	1Vpp/75 (looping) with termination switch
DATA RATE:	3Gbps per channel
CONTROLS:	Frontpanel, RS232, RS485, Ethernet, remote infrared
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F)
STORAGE TEMPERATURE:	40° to +70°C (40° to 158°F)
HUMIDITY:	10% to 90%, RHL noncondensing
POWER CONSUMPTION:	Universal, 100240V AC, 50/60Hz 13VA
DIMENSIONS:	19" x 7" x 1U (W, D, H) rack mountable
WEIGHT:	2.6kg (5.7lbs) approx
INCLUDED ACCESSORIES:	Power cord, rack "ears" and IR remote control transmitter
OPTIONS:	SFPIN/OUT2KM SFP Fiber Optic Module SM 2km 3G HDS DI Tx/Rx SFPIN/OUT30KM SFP Fiber Optic Module SM 30km 3G HDS DI Tx/Rx SFPIN/OUT40KM SFP Fiber Optic Module SM 40km 3G HDS DI Tx/Rx Video SFP supports pathological patterns



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CONFIGURATIONS

SFP-IN/OUT-2KM	1x1 SFP Fiber Optic 3G HD-SDI Tx/Rx Module (non-SMA) – Range 2km
SFP-IN/OUT-30KM	1x1 SFP Fiber Optic 3G HD-SDI Tx/Rx Module (non-SMA) – Range 30km
SFP-IN/OUT-40KM	1x1 SFP Fiber Optic 3G HD-SDI Tx/Rx Module (non-SMA) – Range 40km

