



# KRAMER

## VS-8UFX

8-Port 12G SDI Matrix Switcher with Interchangeable Inputs & Outputs



VS-8UFX is an 8-port matrix switcher for SDI signals for up to 12G SDI. Each SDI port can be defined as either an input or output, enabling flexible configurations such as a 1x7 distribution amplifier, 7x1 switcher, 4x4 matrix switcher or any other possible input-output combination. VS-8UFX is easy to operate and control through the network using the intuitive web pages and through RS-232 using a serial controller

### FEATURES

**Max. Data Rate** - 12Gbps

**HDTV Compatible**

**Multi-Standard Operation** - 12G-SDI — SMPTE ST-2082-1, 3G-SDI — SMPTE 424M, HD-SDI — SMPTE 292M, SDI — SMPTE 259M/344M

**Kramer Equalization & re-Klocking™ Technology** - Rebuilds the digital signal to travel longer distances

**Supports ANC Data** - Embedded audio, teletext, time code, etc

**Cable Equalization** - Up to 300m for SD signals, 200m for 1.5G HD signals, 100m for 3G and 6G signals, and 80m for 12G signals

**Clean Switching** - When the sources are genlocked to the selected genlock input with a difference of no more than two lines of video

**Versatile Genlocking** - Using an analog signal

**Memory Locations** - Stores 8 multiple switches as presets to be recalled and executed when needed



## TECHNICAL SPECIFICATIONS

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Ports	8 12G HD-SDI/HD-SDI/SDI video On BNC connectors (by default, 1 to 4 are set as inputs and 5 to 8 are set as outputs)  1 Genlock 75Ω on a BNC connector
STANDARDS COMPLIANCE	12G-SDI SMPTE ST-2082-1  3G HD-SDI SMPTE 424M  HD-SDI SMPTE 292M  SDI SMPTE 259M/344M
Video	Max. Resolution 4K@60Hz (4:2:2)  Max. Data Rate 12Gbps
User Interface	Controls Front Panel Buttons, RS-232, Ethernet, Web pages  Indicators LCD display, Power LED
Extension Line	SD Up to 300m  1.5G HD Up to 200m  3G Up to 100m  6G Up to 100m  12G Up to 80m  COUPLING AC
Power	Source 100-240V AC  Consumption 33VA max
Enclosure	Size 19", 1U  Type Aluminum  Cooling Fan ventilation
Environmental Conditions	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 non-condensing
Regulatory Compliance (Standards Compliance)	Safety CE  Environmental RoHs, WEEE
Accessories	Included Power cord, rack ears  Cables (Recommended): Belden 4794R and 4855R 12G-SDI coax cables
Product Dimensions	43.64cm x 18.30cm x 4.36cm (17.18" x 7.20" x 1.72" ) W, D, H
Product Weight	1.7kg (3.7lbs) approx
Shipping Dimensions	55.00cm x 27.60cm x 10.70cm (21.65" x 10.87" x 4.21" ) W, D, H
Shipping Weight	2.7kg (6.0lbs) approx

