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

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

| GENLOCK | LOOP | PORTS | | | | | | | | RS-232 | ETHERNET | RESET |
| SDI Camera | FC-113 HDMI-SDI Converter | SDI Display | SDI Display | Control Device | LAN |

SDI — SDI Camera
SDI — FC-113 HDMI-SDI Converter
SDI — SDI Display
SDI — SDI Display
RS-232 — Control Device
Eth — LAN