



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

