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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



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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

