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## ASPEN-32UFX

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

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ASPEN-32UFX is a 32-port matrix switcher for SDI signals of up to 12G SDI. Each SDI port can be defined as either an input or output, enabling flexible configurations such as a 1x31 distribution amplifier, 31x1 switcher, 16x16 matrix switcher or any other possible input-output combination. ASPEN-32UFX is easy to operate and control through the network using the intuitive web pages and through RS-232 using a serial controller

## FEATURES

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**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

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Ports	32 12G-SDI/3G-SDI/HD-SDI/SDI Video: 75Ω on BNC connectors (by default, 1 to 16 are set as inputs and 17 to 32 are set as outputs)  1 Genlock: 75Ω on a BNC connector  1 Genlock Loop Passive loop output on a BNC connector:
Video	Standards: 12G-SDI – SMPTE ST-2082-1, 3G-SDI – SMPTE 424M, HD-SDI – SMPTE 292M, SDI – SMPTE 259M/344M  Max Resolution: 4K@60Hz (4:2:2)  Max Bandwidth: 12Gbps
Extension Line	SD Signals: Up to 300m  1.5G HD Signals: Up to 200m  3G Signals Up to 100m  6G Signals Up to 100m  12G Signals Up to 80m  Coupling: DC
User Interface	Controls: Remote RS-232, Ethernet, Web pages
Power	Consumption: 12V DC, 2A  Source: 12V DC, 5A
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
STANDARDS COMPLIANCE	Safety: CE  Environmental: RoHs, WEEE
Enclosure	Size: 19", 1U  Type Aluminum  Cooling: Fan Ventilation
Accessories	Included: Power adapter  Cables (Recommended): Belden 4794R and 4855R 12G-SDI coax cables
Product Dimensions	43.64cm x 10.00cm x 4.36cm (17.18" x 3.94" x 1.72" ) W, D, H
Product Weight	1.0kg (2.2lbs) approx
Shipping Dimensions	55.00cm x 27.60cm x 10.70cm (21.65" x 10.87" x 4.21" ) W, D, H
Shipping Weight	1.9kg (4.2lbs) approx

