



816-OP/HD

HD/SDI and SDI Video Switch Matrix



The AVS-816 has eight options to configure the unit to be Analog, SDI or HD/SDI for Video and Audio. The video can be configured for SDI, HD/SDI or Analog. The 816-OP/HD is the HD/SDI video plug-in board. The AVS-816 chassis and the 816-OP/HD board make up an HD/SDI video only switcher.

You must select the video and audio matrix to make up the desired switcher format to include audio follow. You have the choice of analog or AES audio to configure as a video with audio follow switcher.

Software is supplied with all AVS series to control up to 32 switchers from a single computer. See data sheets for the AVS-816/HDA or AVS-816/HDD for the audio follow you require. A remote control is available for the unit, model PSR-816.

Exceptional Technical Support

The AVS-816-OP/HD is backed by the Link Electronics standard 10-year warranty and 24/7 free customer support. It meets the innovative, high performance, flexibility, and reliability requirements of all Link Electronics products.

Features

- Modular Design
- Automatic Changeover Unit

- Analog and Digital Modular Options
- Reliable Signal Path

- Universal Voltage
- LED Indicators
- Manual Override Options

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SDI Video Input:

Standard: Component 270Mb/s, 1.4835/1.485Gb/s
Number: Sixteen (16)
Impedance: 75Ω, 1%
Configuration: Single-Ended, AC Coupled
Return Loss: >18dB

SDI Outputs:

Number: One, HD/SDI
Level: 800mV ±10%
Impedance: 75Ω, ±1%
Return Loss: >18dB
Rise/Fall Time: 1ns ± 250ps
Overshoot: <10% of Amplitude
Equalization: Automatic up to >30dB
Propagation Delay: 10ns
Input Cable Length, Max: 250m

Environmental:

Temperature: 0° to 50°, ambient
Humidity: 0% to 90% non-condensing

Power:

Input: 120/240 VAC ±10% 50/60 Hz
Power: 8 VAR

Mechanical:

Height: 1.375 “
Width: 6.25”
Depth: 7.0”
Weight: 8.5 oz

Ordering Information

AVS-816 Chassis
816-OP/A, Video Matrix
816-OP/B, Audio Matrix
816-OP/C, SDI Video Matrix
816-OP/D, AES Audio Matrix
816-OP/E, AES Balanced Connector Panel
816-OP/F, Unbalanced BNC Connector Panel
816-OP/G, GPI Option

