



Routing Switcher – HD-SDI

Model S2-108HD

S2-108HD reclocking SD/HD-SDI Routing Switcher may function as an 8x2 standalone switcher or as an input expansion module for any of the C2-2000 series Scaler Switchers with SD/HD-SDI inputs to provide seven additional SD/HD-SDI inputs to those devices. Since the unit is fully compliant to SMPTE 292M and 259M, it can be used to switch SD-SDI and HD-SDI signals. The S2 Switcher connects to the C2 unit via an OPTION interconnect cable and is fully integrated into the control system of the host C2 unit.



Multiple S2 units of different formats may be interfaced to a single C2 product; however, only one of any given format may be connected. The Windows Control Panel recognizes the C2 unit and all the connected S2 units as a single Multi-format Seamless Switcher. This fully customizable approach allows the user to choose the appropriate C2-1000/2000 unit and the S2 Switchers to achieve the desired number of inputs. S2 Switchers are available in a variety of video formats, with or without Stereo Audio. A Stereo only model is also available with variable delay. The units are housed in desktop cases and optional Single/Dual Rackmount Kits are available. External power adapters are provided for the S2 units.

Key Features of S2-108HD Routing Switcher

- 8x SDI (SD or HD-SDI) Inputs
- 2x SDI (SD or HD-SDI) Outputs
- Compliant to SMPTE 292M and 259M
- Automatic Reclocking and equalization
- Interface to Host via OPTIONS Connector
- Controllable via RS-232, IR or Front Panel
- Unit may be used as a standalone switcher
- Additional versions available for most formats
- Optional Single/Dual Rackmount Kit available

S2 Series Switchers can be controlled via front panel Push Buttons, IR Remote Control or via RS-232.

Specifications

Video Inputs/Outputs

Inputs 8x SDI (SD or HD-SDI) via BNC
 Outputs 2x SDI (SD or HD-SDI) via BNC

Video Specifications

Max Output Level 800 mVpp/75Ω
 Jitter 0.2 UI (or better)
 Data Rate Up to 1.485 Gbps
 Automatically detected
 Output reclocked
 Non-compliant 259M and 292M
 Auto bypasses reclocker
 Loss of lock indication

Compliance

SMPTE 259M and 292M

Control

Standalone Operation Push Button, IR, RS-232
 From C2 Series Device via D-15 OPTION cable (Note 1)

Mechanical

Size (H-W-D) 41.5x218x150mm(1.63"x8.6"x5.9")
 Weight (Net) 1.18kg (2.60 lbs)

Warranty

Limited Warranty 2 Years Parts and Labor

Environmental

Operating Temperature 0° to +50° C (+32° to +122° F)
 Operating Humidity 10% to 85%, Non-condensing
 Storage Temperature -10° to +70° C (+14° to +158° F)
 Storage Humidity 10% to 85%, Non-condensing

Power Requirement

S2-108HD 12VDC @ 350mA

Regulatory Approvals

Expansion Units FCC, CE, RoHS
 Power Supplies UL, CUL, CE, PSE, GS, RoHS

Product Item Numbers

S2-108HD Switcher 8x2 SD/HD-SDI

Accessories Included

1x Operations Manual S2 Series
 1x Power Adapter US, UK or Euro
 1x OPTION Interconnect D-15M to D-15M & D-15F Cable

Optional Accessories

RM-220 Single/Dual Rackmount Kit
 IRC-5 Infrared Remote Control

Panel Drawings

