



Routing Switchers—Composite Video

Models S2-110CV, S2-105CV, S2-105CVA

S2-110CV, S2-105CV and S2-105CVA may function as standalone routing switchers or as input expansion modules for the C2-1000/2000 Scaler/Switchers to provide additional inputs to those devices. The S2-110CV adds 10x Composite inputs, the S2-105CV adds 5x Composite inputs and the S2-105CVA adds 5x Composite and 5x Stereo inputs to the C2 unit. All units provide two Composite Video outputs. 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 Scaler/Switcher.

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 Switcher/Scaler 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. A single 5-Input S2 unit can be powered via the host C2 unit's OPTION Interconnect Cable, which also supplies control. External power adapters are provided for the additional S2 units connected to the C2.

Standalone Operation - S2 Series Switchers can also operate as standalone Video and Audio Routing Switchers. Input selection is by front panel Push Buttons, IR Remote Control or via RS-232.

Specifications

Video Inputs/Outputs

S2-105CV Inputs	5x via BNC w/Loop thru
S2-105CVA Inputs	5x via BNC w/Loop thru
S2-110CV inputs	10x via BNC
All Product Outputs	2x via BNC

Video Characteristics

Bandwidth	>80 MHz
Accommodated Formats	NTSC, PAL Composite Video

Audio Inputs/Outputs (S2-105CVA Only)

Inputs	5x via Terminal Connectors
Output	1x via Terminal Connectors

Audio Characteristics (S2-105CVA Only)

Analog	Balanced or Unbalanced
Frequency Response	100KHz +/- 3dB

Control

Standalone Operation	Push Button, IR, RS-232
From C2 Series Device	via D-15 OPTION Cable

Mechanical

Size (H-W-D)	41.5x218x150mm (1.63"x8.6"x5.9")
S2-105CV Weight (Net)	1.26kg (2.77 lbs)
S2-105CVA Weight(Net)	1.30kg (2.86 lbs)
S2-110CV Weight (Net)	1.26kg (2.77 lbs)

Warranty

Limited Warranty	2 Years Parts and Labor
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Key Features of S2-CV Series Routing Switchers

- S2-110CV has 10x Composite Video Inputs
- S2-105CV has 5x CV Looping Inputs
- S2-105CVA has 5x CV Looping Inputs and 5x Stereo Audio Inputs
- All units have 2x Composite Video Outputs
- Interface to Host via OPTION Connector
- Controllable via RS-232, IR or Front Panel
- Products may be used as a standalone switchers
- Companion versions available for most formats
- Optional Single/Dual Rackmount Kit available

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

All Models	12VDC@1A (Note 1)
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Regulatory Approvals

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

Product Item Numbers

S2-105CV Switcher	5x2 Composite Video
S2-105CVA Switcher	5x2 Composite Video w/Stereo
S2-110CV Switcher	10x2 Composite Video

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

Note

(1) The C2-1000 & C2-2000 series products supply enough power via the OPTION Connector for one 5-Input S2 unit. Additional S2 units may be powered with separate power adapters (included).



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Panel Drawings

