



Input Expansion Switchers for C2 Series

Models S2-105PC, S2-105PCA, S2-109PC

S2-105PC, S2-105PCA & S2-109PC Switchers may be connected to any of the C2-1000 or C2-2000 series products. The S2-105PC adds 5 VGA video inputs, the S2-105PCA provides 5 VGA video inputs plus 5 stereo audio inputs and the S2-109PC adds 9 VGA video inputs of switcher capability. Throughput signals may be either UXGA (Separate Sync) or YPrPb (Embedded Sync) formats.

The products connect to the C2 unit's rear panel OPTION Connector via an OPTION cable and are fully integrated into the control system of the C2 unit.

Multiple S2 expansion switchers of diverse formats may be interfaced to a single C2 product*. The Windows Control Panel recognizes the C2 unit and all the connected Input Expansion Switchers as a single Multi-format Seamless Switcher. This fully customizable approach allows the user to choose the appropriate C2 host product and S2 Input Expansion Switcher to meet a specific need.

S2 video models are available with or without stereo audio (balanced or unbalanced). In addition to the video models, a stereo audio only model is available. The units are housed in a desktop case and an optional Single/Dual Rackmount Kit is available. A single 5-Input S2 can be powered via the Options Connector, but external power is required for additional units connected to the C2.

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

**Multiple units of the same model cannot be added.*

Specifications

Video Inputs/Outputs

| | |
|---------------------|--------------------------|
| S2-105PC, S2-105PCA | 5x HD15 Input Connectors |
| S2-109PC | 9x HD15 Input Connectors |
| All Products | 1x HD15 Output Connector |

Audio Inputs/Outputs

| | |
|-----------|--|
| S2-105PCA | 5x 3.5mm Mini Input Connectors 1x 3.5mm mini Output Connector |
|-----------|--|

Video Characteristics

| | |
|----------------------|------------------------------|
| Bandwidth | >450 MHz |
| Accommodated Formats | RGBHV, YPbPr |
| Resolution (60Hz) | Up to UXGA, Up to 1920x1080p |
| EDID | Switches ID00 to ID03 |

Audio Characteristics

| | |
|------------------|--------------------------------|
| (S2-105PCA Only) | Analog, Unbal., 100KHz +/- 3dB |
|------------------|--------------------------------|



Key Features of the S2-PC Series Routing Switcher

- S2-105PC adds 5 UXGA or YPbPr video inputs
- S2-109PC adds 9 UXGA or YPbPr video Inputs
- S2-105PCA same as S2-105PC Plus 5 audio inputs
- Interface to host via OPTION Connector
- Controllable via RS-232 & Infrared & Front Panel
- Products may be operated standalone if desired
- Companion versions available for most formats
- Optional Single/Dual Rackmount Kit available

Control

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

Mechanical

| | |
|--------------|---------------------------------|
| Size (H-W-D) | 1.6"x8.6"x5.8" (41.5x218x147mm) |
| Weight (Net) | 2.6 lbs (1.2 kg) |

Warranty

| | |
|------------------|-------------------------|
| Limited Warranty | 2 Years Parts and Labor |
|------------------|-------------------------|

Environmental

| | |
|-----------------------|---------------------------------|
| Operating Temperature | +4° to +45° C (+39° to +113° F) |
| Operating Humidity | 10% to 85%, Non-condensing |

Power Requirement

| | |
|------------|-------------------|
| All Models | 12VDC@1A (Note 1) |
|------------|-------------------|

Regulatory Approvals

| | |
|-----------------|-------------------|
| Expansion Units | FCC, CE, RoHS |
| Power Supplies | UL, CE, CSA, RoHS |

Product Item Numbers

| | |
|--------------------|-----------------------|
| S2-105PC Switcher | 5x1 RGBHV/YPbPr |
| S2-105PCA Switcher | 5x1 RGBHV/YPbPr/Audio |
| S2-109PC Switcher | 9x1 RGBHV/YPbPr |

Accessories Included

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

Optional Accessories

| | |
|--------|---------------------------|
| RM-220 | Single/Dual Rackmount Kit |
|--------|---------------------------|

Note:

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



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Panel Drawings

