

# Sierra Video 128128HDR-128 128x128 3G HD-SDI Matrix Switcher Redundant PS/8RU

*This listing is for 128128HDR-128 Switcher only. Use description below as a general reference.*

The Sierra Ponderosa Modular HD-SDI Routers are ideal for Mission Critical applications. All boards are fully accessible from the front of the router and the back plane is completely passive. This ensures minimal downtime in the unlikely event of a failure. The Ponderosa is available in 4RU 64x64 or 8RU 128x128 frame sizes and is expandable by 8 input and/or 8 output increments, allowing the Ponderosa to grow with your HD needs.

## Features

- Max. Data Rate - 3Gbps.
- HD-SDI/SDI - Multi-format flexibility with intelligent reclocking options.
- Modular Configurations - Expand by 8 input and/or 8 output increments using any of the following Input/Output board options:
  - 3G HD-SDI input/output cards (Coaxial BNC)
  - Fibre optic input/output cards (Single Mode LC)
  - A-to-D Input card (Coaxial BNC) for conversion of Comosite NTSC/PAL to 270Mbps SDI
  - D-to-A output card (Coaxial BNC) for conversion of 270Mbps SDI to composite NTSC/PAL
- Front Loading & Hot-Swappable Modules - Video I/O boards, Crosspoint board, CPU board, and power supplies.
- Completely Passive Back Panel With No Active Components To Fail.
- 7 Year Warranty.

## Control Features

- MediaNAV™ Advanced Control Interface as Standard - Browser based GUI with user access control, control of multiple Sierra Multi-Viewers, Routers and control panels. Touch and click compatible for devices such as Tablets and Smartphones.
- Ethernet - Supports TCP/IP protocol via rear panel RJ-45 connector.
- RS-232/422 Serial Control
- RS-485 to Sierra Hardware Control Panels.

## Options

- RPS - Optional Redundant Power Supply
- Fan Sled - Required if RPS is not Installed.

## Input

- Fiber Input Module - 8-Input Fiber Optic Module.
- BNC Input Module - 8-Input BNC Coax Module.
- A-D Input Module - 8-Input Analog to Digital Module. (Composite NTSC/PAL to 270Mbps SDI).

## Output

- Fiber Output Module - 8-Output Fiber Optic Module.
- ?BNC Output Module - 8-Output BNC Coax Module.
- D-A Output Module - 8-Output Digital to Analog Module. (270Mbps SDI to composite NTSC/PAL).
- Remote Control Panels - Via RS-485.

## Companion Audio

- Companion Audio Frames - Use Yosemite 64x64 (3RU) & 128x128 (6RU) Audio Frames for mono and stereo audio.
- Yosemite 64 Frame - 8 Configurations -
  - Mono: 32x32 to 64x64 by 32 input and/or 32 output increments.
  - Stereo: 16x16 to 32x32 in 16 input and/or 16 output increments.
- Yosemite 128 Frame - 28 Configurations -
  - Mono: 32x32 to 128x128 by 32 input and/or 32 output increments.
  - Stereo: 16x16 to 64x64 in 16 input and/or 16 output increments.
- Front Loading & Hot-Swappable Modules
- 7-Year Warranty

## Configurations

- Ponderosa 64 Frame - 8x8 to 64x64 in increments of 8 Inputs and/or 8 Outputs.
- Ponderosa 128 Frame - 8x8 to 128x128 in increments of 8 Inputs and/or 8 Outputs
- Sample Configurations Are Below