Sequoia™

Large Multi-Format Matrix Routing Switchers

Features:

- Digital and analog configuration in compact 7RU frame
- Expand by 32x32 crosspoint modules
- Host analog & digital video in one frame
- Compatibility with Lassen, Sierra Pro XL, Tahoe and Yosemite routing switchers
- RS-232 serial interface uses common 3-port SVS serial protocol
- Hot-swappable & redundant power supplies
- Mix and match signals
- Redundant control processors available

Overview:

Sequoia digital and analog matrix routing switchers are the next generation in affordable, large-scale distribution technology, offering mixed format flexibility, intelligent control, and linear expandability for broadcast, government, post-production, CATV head-ends, and A/V professionals. Sequoia family accommodates customers' needs up to 512x512 in a compact efficient 7RU frame design.

Sequoia features a unique ability to mix signal formats in the same frame. With up to 16 levels of control, you can mix analog composite, analog component, SDI, DVB/ASI, all within the same Sierra Video system controller. Mixed format design is ideal for smaller installations too, allowing up to four video formats to fit in one 7RU frame. A single frame system will house a 64x64 analog video and a 64x64 digital video matrix. Adding frames will add formats and sizes up to 512x512 under one control system. Sequoia is the perfect tool to support today's complex distribution environments

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128 x 128 multi-format matrix routing switcher

Sequoia 7RU Frame

128 x 128 multi-format matrix 815150

Sequoia matrix routing switchers can be configured to any combination of 32 in and 32 out.

Typical Configurations:

Sequoia 128x128
Sequoia 128x256
Sequoia 256x448
Sequoia 256x128

Features:

The Sequoia family is made up of 7RU, 8 slot frames that can be populated in a variety of ways, depending upon your needs. For larger systems (up to 512x512), simply add frames to accommodate the board set required. For example, a 128x128 SDI router will fill one frame. Additional frames will be required for larger matrices.

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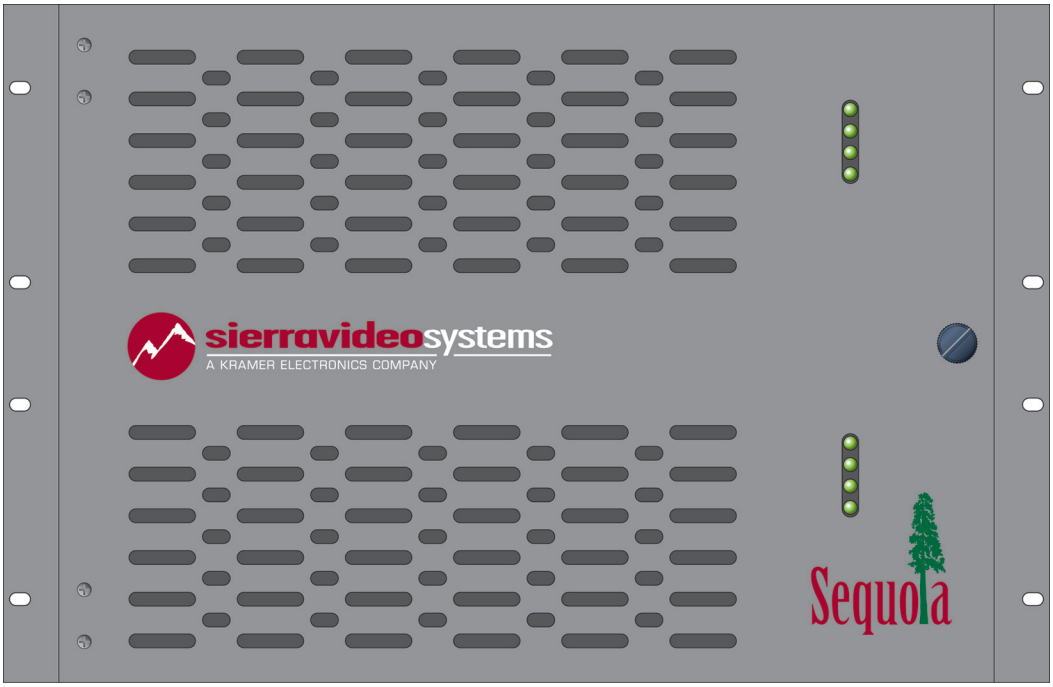
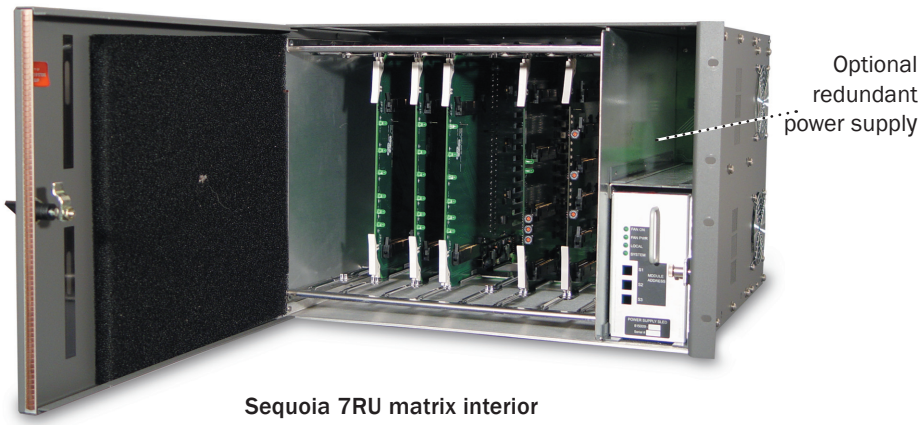
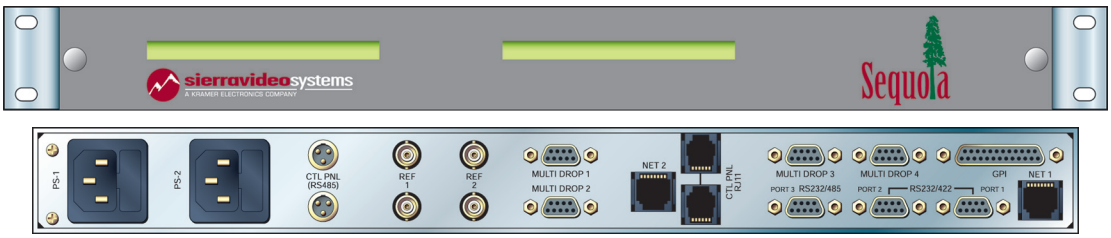
Front panel and CPU module frame



SEQUOIA 7RU FRONT PANEL



Sequoia 7RU matrix interior



Sequoia 1RU CPU Module

Features:

A separate 1RU serial control processor frame is required. The frame has two slots for redundant processor configurations (optional), and comes with two power supplies standard and rear I/O communication connectors. The module will provide all serial control for both internal and external serial control. All internal router control is via RS-232/422 communication managed by the system controller.