



VideoRaid FCR2
5-drive desktop tower configuration

- ▣ **Protects Your Content Against a Drive Failure**
- ▣ **SAN-Ready, ATA to 2-Gbit Fibre Channel RAID 3**
- ▣ **Multi-Stream Technology (MST)**
- ▣ **Background Drive Reconstruction and RAID Patrol**
- ▣ **Hot-Swappable Drive Modules**
- ▣ **Redundant Load-Sharing Power Supplies Available - FCR2X**

SAN-Ready Fibre Channel, Fail-Safe Disk Arrays

VideoRaid FCR2/FCR2X fibre channel disk arrays are Storage Area Network (SAN) ready versions of VideoRaid RTR/RTRX. The FCR2/FCR2X disk arrays feature a high performance 2-Gbit fibre channel interface and are the ideal storage solutions for building low cost SANs* for digital content creation (DCC) workgroups.

High Performance, 2-Gbit Fibre Channel Interface

VideoRaid FCR2/FCR2X disk arrays feature a high performance 2-Gbit fibre channel interface enabling the desktop models to sustain a single-stream data transfer rate up to 200 MB/second, while the dual-channel rack mount models sustain over 350 MB/second – plenty of performance for SANs and real-time SD and HD workstations. VideoRaid FCR2/FCR2X support all fibre channel modes including Loop and Fabric.

Protects Your Content

With VideoRaid FCR2/FCR2X, a disk drive failure is not a catastrophic event. The system will continue to operate without loss of data and at full performance should a drive fail within the unit. This enables the completion of work in progress without requiring immediate drive replacement. To replace a drive, simply swap out the bad drive module and the array will automatically begin a background reconstruction. Costly downtime is eliminated since the system is fully functional during the rebuild process. Once the rebuild is completed, VideoRaid FCR2/FCR2X resumes the protection of your valuable content.

Multi-Stream Technology (MST)

VideoRaid FCR2/FCR2X features Medéa's proprietary Multi-Stream Technology, a sophisticated embedded stream handling algorithm that works in conjunction with the system's on-board caching RAID controller to support the simultaneous real-time playback of multiple streams** of SD and HD video.

* Requires additional hardware / software.

** The number of supported simultaneous streams varies by platform and NLE system.



Built-In Ethernet Support

VideoRaid FCR2/FCR2X incorporates an ethernet port to configure and manage the array.

RAID Patrol

VideoRaid FCR2/FCR2X features a built-in preventative maintenance system called RAID Patrol. RAID Patrol monitors the disk media for errors and offers a level of protection not found in other disk arrays, ensuring that the system is continually optimized for peak performance.

Removable Disk Drive Modules, Power Supply & RAID Controller

The removable components in VideoRaid FCR2/FCR2X disk arrays simplify on-site system upgrades and serviceability while enabling the user to make quick job changes by swapping drive modules.

Redundant Power Supplies – FCR2X Models

VideoRaid FCR2X rack models feature optional redundant load-sharing power supplies. In the unlikely event that a power supply fails, the system will continue to operate without interruption.

Scalable Capacity to Over 400 Terabytes

As your storage requirements grow, Medéa FCR2/FCR2X units can be connected in arbitrated loop or fabric configurations with storage capacities over 400 Terabytes (400,000 GB) – that's over 1,000 hours of uncompressed HD video footage!

Built-in 4-Port Fibre Channel Hub

VideoRaid FCR2 (and each channel of VideoRaid FCR2X) enables up to four workstations to be directly attached to the array via the unit's built-in 4-port fibre channel hub.



VideoRaid FCR2X rear

Tech Specs

Interface:

FCR2: 2-Gbit fibre channel, arbitrated loop and fabric support
FCR2X: Dual-channel, 2-Gbit fibre channel, arbitrated loop and fabric support
 HSSDC ports standard, optical ports available

Sustained Data Rate:

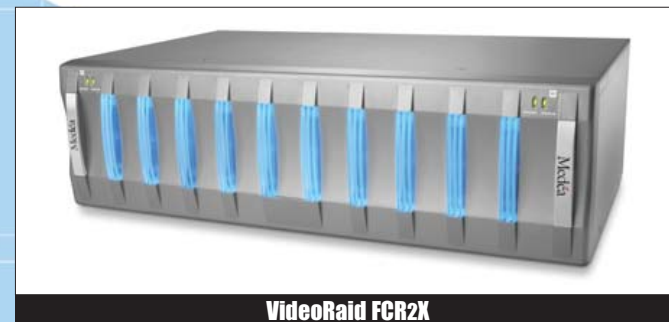
FCR2: Up to 200 MB/second
FCR2X: Up to 350 MB/second

Fibre Channel Switch/Hub Compatibility:

Atto, Brocade, Emulex, McData, Qlogic

Fibre Channel Host Adapter Compatibility:

Apple, Atto, Emulex, LSI Logic, Qlogic, SGI



VideoRaid FCR2X
5 or 10-drive 3U, 19" rack mountable configuration