



**Spectrum MediaCenter Rear View**

**SPECTRUM MEDIACENTER**

Spectrum MediaCenter combines media server and storage functions in a single, compact 2 RU enclosure. Ideal for moderate (4 to 12) channel count applications, the system provides file system and communication management for video and audio ingest and playout activities.

MediaCenter supports a maximum of 600 Mbps real-time video bandwidth using up to six externally-connected Spectrum MediaPort 7000 and 5000 Series products, which provide video/audio interfaces as well as encode and decode for record and playback. This modular approach lets you configure systems to meet your needs today, while allowing for future expansion.

Clients access the system via up to 4 gigabit Ethernet (GbE) connections, and have access to FTP, CIFS, and AFP services. Combined, these services offer network throughput of up to 225 MBps (varies with real-time play/record activity).

The system provides either 8 or 16 TB of usable storage (approximately 300 to 600 hours at 50 MBps) using state-of-the-art 1 or 2 TB drives protected with Spectrum’s robust RAID 6 (dual-parity) technology, offering rock-solid reliability.

Applications access the system using the same API as provided on all Spectrum-family products, protecting your investment and ensuring compatibility no matter what the platform. Management functions are offered via the familiar SystemManager console, simplifying configuration and monitoring of the system.



## SPECTRUM MEDIACENTER SPECIFICATIONS

Parameter	Specification	Detail
Video Channels	12 at 50 Mbps 6 at 100 Mbps	Maximum 600 Mbps total video play/record bandwidth available.
MediaPorts	Maximum 6 total, Ethernet connected	Supports MediaPort 7000 and 5000 series. No support for IEEE-1394 products.
Storage	12 E-SATA HDD 1 or 2 TB each	8 to 16 TB usable in two 4+2 RAID sets; 300-600 hours at 50 Mbps
Network	2 to 4 GbE ports	2 dedicated network ports; 2 additional ports configurable for network or MediaPort operation
Network Throughput	Maximum 200 MBps (600 Mbps video) Maximum 225 MBps (400 Mbps video)	Varies with total video channel bitrate
Reference	Per MediaPort	MediaCenter can support multiple timing standards on a single system. Reference is handled by the MediaPorts independently.
Environmental	Temperature Humidity	+5C to +40C 10% to 85% non-condensing
Safety	UL 60950-1 2 <sup>nd</sup> Edition CSA C22.2	Information Technology Equipment - Safety - Part 1: General Requirements
EMC	FCC 15 Class A VCCI Class A CISPR 22 Class A CNS 13438 Class A ICES-003 Class A EN 55022 Class A KN22 Class A	US Japan Australia, New Zealand, EU Taiwan Canada EU Korea
Dimensions	W: 44.4 cm (17.5 in.) H: 8.8 cm (3.5 in.) D: 68.6 cm (27 in.) 71.1 cm (28 in.)	Chassis only, inside rack 2 RU Bezel front to chassis rear Bezel front to rear of back connectors
Weight	26.3 kg (58 lb)	Chassis with 12 disk drives
Power	100-240 V, 50-60 Hz 360W Maximum	Dual redundant hot-swappable power supplies

## INCLUDED ACCESSORIES

Quantity	Description	Notes
2	Power cord	
1	Rack Mount Hardware Kit	673.1 mm to 924.6 mm (26.5" to 36.4")

## SPARE KITS

Part Number	Description
SP-0098-001	MediaCenter 1 TB HDD Spare
SP-0099-001	MediaCenter 2 TB HDD Spare
SP-0097-001	Rack Mount Hardware Kit, 482.6 mm to 675.6 mm (19" to 26.6")
SP-0100-001	MediaCenter Front Bezel
SP-0101-001	MediaCenter Power Supply Module

