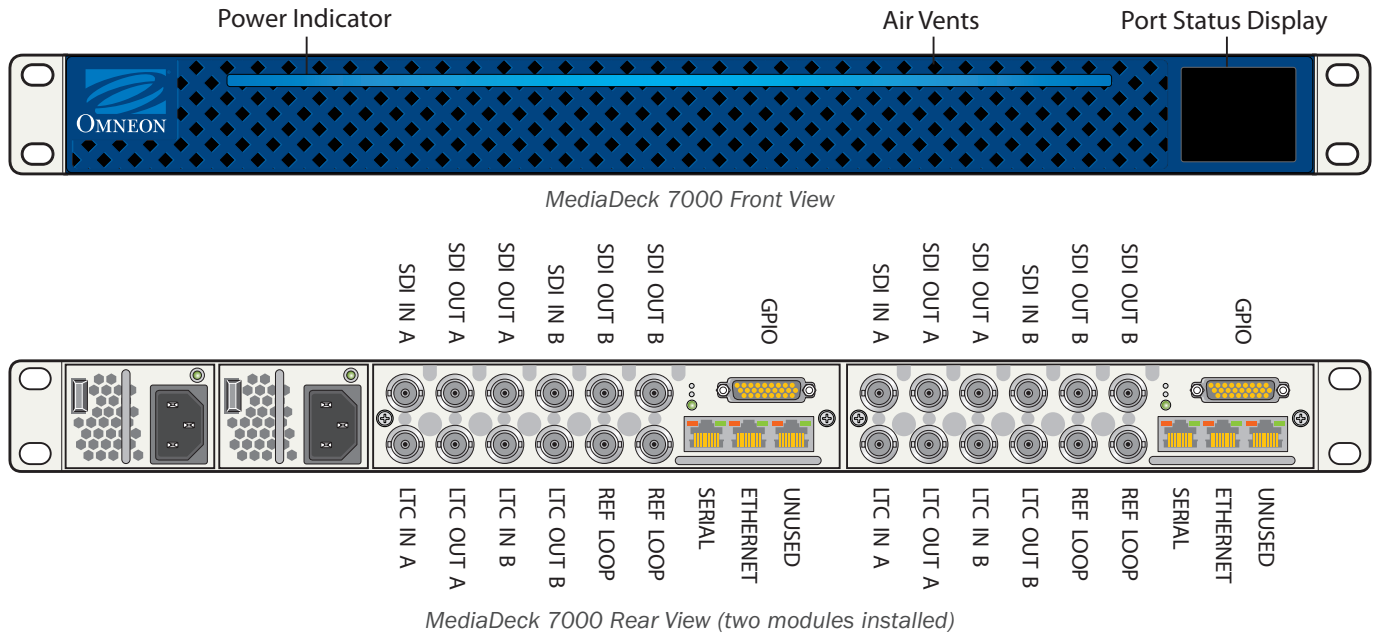


MediaDeck 7000



The Spectrum MediaDeck 7000 integrated media server delivers the broadcast quality and mission-critical reliability of the world’s leading transmission server in a convenient and cost-effective package. MediaDeck 7000 packs up to four video channels, Gigabit Ethernet connectivity and 3+1 RAID storage into a compact 1 rack unit (1-RU) chassis. With MediaDeck 7000, small broadcast and programming operations can implement server-based ingest and playout operations or sophisticated file-based workflows in a broad range of video formats.

MediaDeck uses the same time-proven, robust code base as other Spectrum media servers. Thus, it works out of the box with all applications supported by the Spectrum series, including automation, editors, archiving systems, Omneon Media Applications and others.

MediaDeck 7000 includes four hot-swappable enterprise-class SATA disk drives for content storage. The use of 3+1 RAID ensures that the system continues to operate even in the event of a disk drive failure. Video I/O modules and redundant power supplies can be hot-swapped for uninterrupted operation.

MediaDeck Gigabit Ethernet connectivity is a standard implementation of high-speed Ethernet for asynchronous file transfer and support of FTP, SMB and the Apple® Filing Protocol, providing simple, standardized file movement techniques.

MediaDeck 7000 Specifications

Parameter	Specification	Detail
Video Channels	Up to four bidirectional channels	<ul style="list-style-type: none"> Two independent bidirectional channels per video I/O module Up to two video I/O modules per MediaDeck Module types can be mixed
Storage	Four 2-TB “Enterprise Class” SATA disks (225 hours at 50 Mbps)	3+1 RAID topology guarantees continued operation even if a disk drive fails. Hot-swappable from front of system, allowing continued operation while being repaired.
Network	Up to two Gigabit Ethernet ports per MediaDeck (one per I/O module)	Clients access the system via up to 2 Gigabyte Ethernet (GbE) connections, and have access to FTP, CIFS, and AFP services. Network failover is supported on systems with dual I/O modules.
Reference	Analog black with color burst	Optional for playout; unused for recording loop-through connector
Environmental	Temperature Humidity	+5C to +40C 10% to 85% non-condensing
Safety	UL 60950-1 2nd Edition CSA C22.2	Information Technology Equipment - Safety - Part 1: General Requirements

Continued on next page.

■ PRODUCT SPECIFICATION

MediaDeck 7000 Specifications (continued)

Parameter	Specification	Detail
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 (17.50 in.) H: 4.4 cm (1.75 in.) D: 76.84 cm (30.25 in.) 79.38 cm (31.25 in.)	Chassis only, inside rack 1 RU Bezel front to chassis rear Bezel front to rear of BNC connectors
Weight	16.6 kg (36.5 lb) 18.4 kg (40.5 lb)	MediaDeck chassis with one video I/O module MediaDeck chassis with two video I/O modules
Power	100-240 V, 50-60 Hz 181 W at 25 C 266 W at 25 C	Dual redundant universal power supplies One module installed Two modules installed
Front Panel Display	Color LCD touchscreen display	<ul style="list-style-type: none"> Displays identification and status for each channel Alarms for power, temperature and the storage sub-system cause display to flash; touching screen stops flashing

MediaPort Options for MediaDeck 7000

Product ID	SD	HD	Proxy	MPEG-2		DV/DVCPRO	AVC-Intra		Up/Down/ Cross Conversion	HD/SD Simulcast
				Record	Play	Rec/Play	Record	Play		
MIP-7100-DVS	X					X				
MIP-7100-M2S	X				X					
MIP-7100-DMS	X				X	X				
MIP-7300-DMS	X			X	X	X				
MIP-7100-DVH	X	X				X			X	X
MIP-7100-M2H	X	X			X				X	X
MIP-7100-DMH	X	X			X	X			X	X
MIP-7101-DMH	X	X	X		X	X			X	X
MIP-7600-UVP	X	X			X	X		X	X	X
MIP-7600-APR	X	X			X	X	X	X	X	X
MIP-7601-APR	X	X	X		X	X	X	X	X	X
MIP-7300-M2H	X	X		X	X				X	X
MIP-7301-M2H	X	X	X	X	X				X	X
MIP-7300-DMH	X	X		X	X	X			X	X
MIP-7301-DMH	X	X	X	X	X	X			X	X


OMNEON[®]
 NOW PART OF HARMONIC
www.omneon.com

U.S. Headquarters:
 4300 North First Street
 San Jose, CA 95134
 ph +1 800.788.1330
 ph +1 408.542.2500
 fx +1 408.542.2511

Harmonic UK Limited:
 IQ Farnborough Ground Floor
 250 Fowler Avenue Farnborough
 Hampshire GU14 7JP England
 ph +44 1252.555.400
 fx +44 1252.377.171

Hong Kong:
 Level 23, Office Tower
 Langham Place
 8 Argyle Street, Mongkok
 Kowloon Hong Kong
 ph +852.2116.1119
 fx +852.2116.0083

Japan:
 Ginza San-Chome Bldg. 8F
 3-14-1 Ginza, Chuo-ku
 Tokyo 104-0061 Japan
 ph +81 (0)3.5565.6735
 fx +81 (0)3.5565.6736

