

DMS-150

Digital media server: view, distribute, record



The DMS is a compact, versatile platform performing key archival and stream distribution tasks. It is first a multi-stream synchronous network recorder and playback appliance capable of archiving dozens of simultaneous high resolution video and graphics streams along with audio and metadata. Its second vital role is that of a stream distribution and relay node on the network. In this function the DMS converts any unicast stream to a multicast stream (and vice-versa) and adjusts the bandwidth of outgoing streams to accommodate the network constraints of collaboration endpoints.

Key features

- Synchronous recording/playback: Multiple simultaneous high resolution streams
- Advanced media routing: Bridge and route streams across various network topologies
- Trans-profile: Optimize media streams to suit network bandwidth constraint
- Multi-Protocol compatibility: Record and playback any V2D, RTP, MPEG-TS and UDP streams for 3rd party integration
- Real-time NAS support: Unlimited storage scalability
- DVR capability: Easy-to-use live and recorded playback control; skip back/forward, pause, resume, catch up
- Customized video narratives: View live or recorded streams in simultaneous sessions with independent time-shift control

PRODUCT SPECIFICATIONS**DMS-150**

Managed devices	
RTP	H.264, MPEG-4, AAC
UDP	DIS
MPEG-TS	MPEG-2
Networking protocol	Unicast -multicast (IGMP)
V2D	Video-to-Data (V2D)
Management Interface	Admin interface, console
Console Interface	VGA, serial, telnet, SSH
Data Configuration storage	OS on SSD
Operating temperature	10° to 35° C
Operating relative humidity	10% to 90% non-condensing
Additional features	
Recording and playback	Frame synchronous, DVR control; skip back/forward, pause, resume, catch up
Networking	Media connection control, advanced media routing, NTP server synchronization, network address translation (NAT)
Scalability	Real-time recording and playback NAS support Multi-DMS (Multi-DMS allows numerous Digital Media Servers to be used as a virtual storage space for synchronous recording and playback, transcending all single-server scalability issues)
Certification and compliance	Safety: UL / CSA / EN / IEC 60950-1 EMC: CE, FCC Part 15 Class A
Product features	
CPU	i7-3770
Memory	2 x 4 GB
SSD drive	60 GB No RAID
Graphics accelerator	Intel® HD Graphics 4000 1 x DVI 1 x HDMI
Power	100-240V, 5-3A, 50-60Hz
Power consumption	300 W (maximum)
Operating conditions	0 -40° Celsius at max. 80% humidity, non-condensing
Noise Level	max. 31db(A) at 25°C ambient temperature
Dimensions (HxWxD)	130 mm / 220 mm / 265 mm 5.12 in / 8.66 in / 10.43 in 133 mm / 220 mm / 279 mm 5.24 in / 8.66 in / 10.98 in (with rubber feet, fixation, handling)
Weight	5.5 kg / 12.13 lbs

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Technical specifications are subject to change without prior notice. Please check www.barco.com for the latest information.