

Digital Video Machine HD™

Single Channel HD Video Playback
with Sync and SDI
Model DVM8500-SYSD



VIDEO PLAYBACK

The Digital Video Machine HD offers flexible playback options with superb video quality. Rugged and compact, it's the perfect choice for the most demanding applications.

FEATURES:

- ▶ 3G-SDI, HD-SDI, SD-SDI
- ▶ 1080p, 1080i, 720p
- ▶ Over 100 Hours of Playback
- ▶ Playlisting and Scheduling
- ▶ Ethernet for Remote Updating

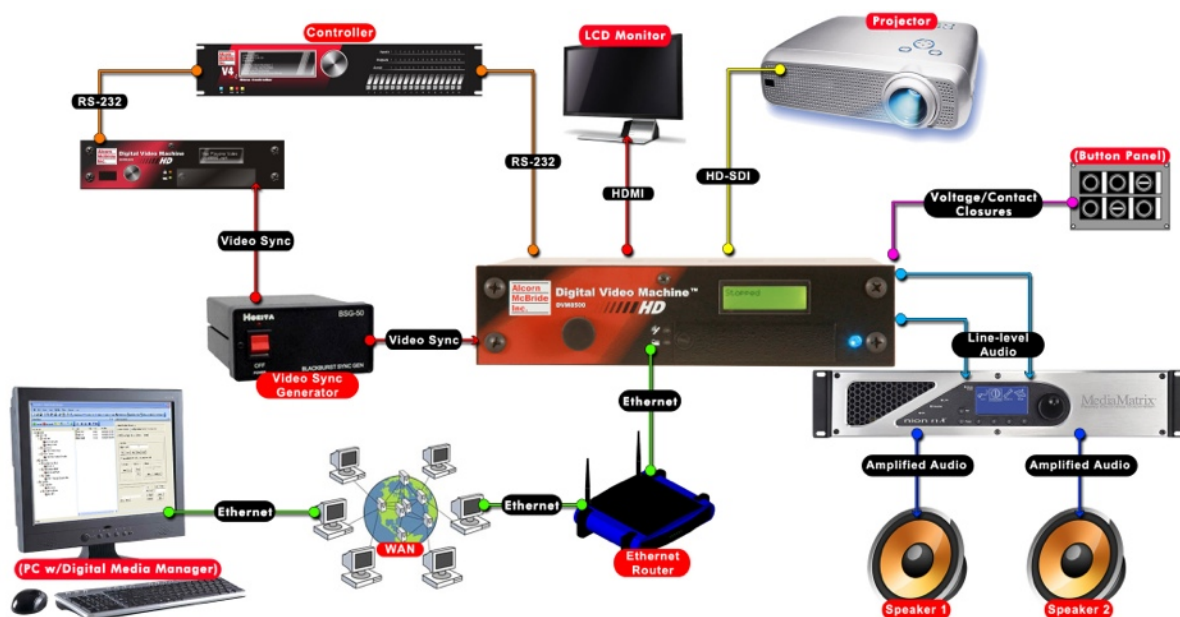
APPLICATIONS:

- ▶ Interactive Kiosks
- ▶ Pre-show Video
- ▶ Museum Exhibits
- ▶ GPS Triggered Tours
- ▶ 4D Theater
- ▶ Digital Signage

The Digital Video Machine HD is the ultimate high-definition video player. It provides the highest-quality video in an extremely compact and very reliable form.

It plays from CompactFlash so there are no moving parts to break and with its Ethernet connection, the DVMHD can be combined with our Digital Media Manager software to create large-scale (or even small-scale) video networks.

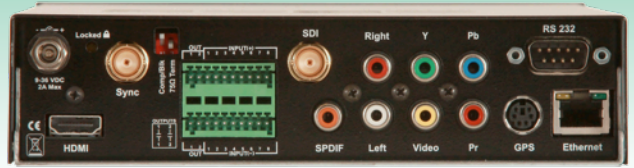
With a variety of control options — Ethernet, RS-232, playlists, real-time scheduler, GPS-triggers, contact/voltage inputs — and video outputs — composite, component, HD-SDI (SMPTE 424M) — the Digital Video Machine HD is the perfect HD video playback source for any application.



**Alcorn
McBride
Inc.**

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PRODUCT SPECIFICATIONS

Video

Formats:	H.264 (MPEG-4 part 10) MP & HP Level 4.1 MPEG-2 MP@HL
Max Bitrate:	40 Mbps
Media:	CompactFlash
Playback Time:	About 8 minutes per GB at 15Mbps
Resolutions:	1080p, 1080i, 720p, 480p, 576p, 480i, 576i
Digital Video:	HDMI, 3G HD-SDI (SMPTE-424M) with embedded audio
Analog Video:	YPbPr or RGB (1080i, 720p, 480p, 576p, 480i, 576i)
Video Sync In:	Composite or black burst, BNC

Audio

Formats*:	MPEG-1 Layer I/II, MPEG-2 Layer II MPEG-2 AAC, MPEG-4 AAC LC2-Channel/5.1 Channel Dolby® Digital EX, Pro Logic® II, MLP
Channels:	2 or 5.1 Digital via S/PDIF
Dynamic Range:	104 dB
Sample Rate:	44.1 KHz, 48 KHz, 16 and 24 bit
Digital Audio:	IEC958/IEC1937 (S/PDIF) RCA phono connector
Analog Audio:	Unbalanced dual RCA phono connectors

Control

Display:	2x16 character LCD status display
User Control:	Rotary Encoder with Push to Select
Status LED's:	Dual color status LED, Yellow Video Sync LED, GPS Status LED
Serial:	RS-232 @9600 N,8,1
Inputs:	8 Programmable Contact/Voltage Triggers, Phoenix connector
Outputs:	2 Programmable dry relay contacts
GPS:	NMEA 0183 compliant input
Real Time Clock:	Battery backed-up, may be locked to a network NTP server
Network:	100BT RJ-45, UDP, NTP, FTP, TCP

Physical

Power:	9 VDC at 36 VDC at 1.5 Amps max, AC Adapter included
Operating Temperature:	0°C (32°F) to 38°C (100°F)
Size:	7.1" W x 1.75" H x 11" D (18 cm W x 4.4 cm H x 28 cm D), 1U half rack
Weight:	4 lbs. (1.8 Kg)
Environment/Shock:	0-90% relative humidity, non-condensing/20 g max vibration
Power Supply Compliance:	CE, UL, CSA, WEEE, RoHS

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