Digital Video Machine™
4 Channel Video, Text and Graphics Server

The Digital Video Machine 4 may look like a simple rack mount box, but it single-handedly outperforms four DVD players, a controller and a scheduler! Simply put: it's the most versatile video server you can buy.

The DVM4 stores hours of better-than-DVD quality video on a removable hard drive. You can copy videos directly to the hard drive using a Windows PC, or load them through the included 100 Base-T Ethernet adapter, USB interface, or by simply dropping a DVD into the optional DVD-ROM drive. You can even transfer videos across the Internet. Imagine updating the video in a retail chain store from halfway around the world!

The DVM4's video and audio outputs are designed for the most demanding applications. Its NTSC/PAL outputs provide MPEG-2 at up to 15 Mbps in composite or S-Video (Y-C) format. The four video channels can operate independently or be synchronized within one frame. Eight channels of analog audio are provided, plus four digital S/PDIF or Dolby 5.1 connections — that's up to 24 channels of digital audio!

In addition to video playback, the DVM4 also supports text overlay, graphics overlay and watermarking. It can even automatically move the watermark to avoid screen burn.

The DVM4 may be controlled using RS-232 or Ethernet. Sophisticated play-listing and a Real Time Clock scheduler support extremely complex stand-alone operations.

Drawing upon over fifteen years of experience designing audio/video equipment for theme parks, museums and retail stores, Alcorn McBride has engineered the DVM4 to accommodate your toughest applications. With all these professional features, the DVM4 offers more bang for your buck than any other video server.

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Alcorn McBride Inc.

3300 S. Hiawassee
Building 105
Orlando, FL 32835
Tel (407) 296-5800
Fax (407) 296-5801
info@alcorn.com
www.alcorn.com

Digital Video Machine™
4 Independent MPEG-2 Players 4

Video:	MPEG-2 (ISO 13818 MP@ML)
	NTSC, 30 fps Interlaced
	PAL, 25 fps Interlaced
	Also upconverts NTSC or PAL to 1080i, 720p, 480i or 480p
	15 Mbps maximum, each channel
	Supports 4:3 and 16:9 Aspect Ratios
	256 color Graphics overlay
	256 color text overlay, multiple line, fonts and scrolling options
	Composite Video Out on 4 RCA phono connectors
	RGBHV, YUV and Y-C on HDB15(4)
Audio:	Stereo Audio on 8 RCA phono connectors
	+4 volts max. into 20K
	Less than 10 ohms impedance
	S/PDIF or Dolby 5.1 on RCA phono connector
	16-bit linear quantization
	96 dB Digital Dynamic Range
	0-48 KHz Sample Rate
	20-20,000 Hz +/- 0.5 dB Frequency Response
	96 dB Signal-to-Noise Ratio
	0.01% THD,
Ethernet:	IEEE802.3u 100 BASE-TX and 10 BASE-T on RJ-45 connector
	FTP file transfer
	Http web server
	UDP (Control)
Serial:	Serial RS-232 Control on DB-9M connector
	USB
Size and Weight:	19" W x 18" D x 3.5" H (480mm x 460mm x 88mm)
	11 lbs (5 Kg)
Power:	90 - 135VAC / 180 - 265VAC, switch selectable
	AC input frequency range: 47 - 63 Hz
	AC input current: 6A RMS 120VAC or 3A RMS at 240 VAC Max.
	CE Compliant
Environment:	0º to 38º C (32º to 100º F)
	0 to 90% relative humidity, non-condensing
Options:	DVD-ROM for automated bulk media transfer.
	Compact Flash socket for playback with no moving parts.

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DOLBY DIGITAL
BITSTREAM OUT

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