

# doremi

Technology Leadership  
for Digital Cinema

# IMB/ShowVault

## Integrated Media Block and Dedicated Storage Server

PREFERRED PRODUCT

DIGITAL CINEMA  
THEATERS  
WORLDWIDE

### IMB Key Features:

- + HDMI® or HDSi (single or dual) inputs
- + Scale all video resolutions to 2048 x 1080 or 4096 x 2160
- + Deinterlacing support (1080i)
- + Automatic color space conversions
- + Support for Accessibility products (CaptiView & Fidelio)

The IMB (Integrated Media Block) utilizes Doremi Labs' patented 4K media block technology. With the IMB installed in a DLP® Series-II 4K-ready projector along with Doremi Labs' external ShowVault, customers can now choose the most future-proof digital projection solution in the industry. If the customer elects to project in 2K, the integrated media block keeps content secure by moving the digital video decryption from outside of the projector to inside the projector.



Doremi Labs' ShowVault is a dedicated storage server capable of playing JPEG2000 digital movies that conform to DCI specifications. ShowVault was specifically developed to interface with Doremi's IMB (Integrated Media Block) when installed inside Series 2 DLP projectors making 2K & 4K\* playback possible. The ShowVault has all the same features and functionality as Doremi's existing DCP series cinema servers and is available in two chassis configurations depending on user requirements.

ShowVault loads digital content from a networked central server via Ethernet, USB 2.0 or CRU/ESata. It process files electronically to the IMB via an external PCI Express cable. Using Doremi's pre-loaded CineLISTER software, ShowVault allows theater operators to easily program the entire movie schedule including on-screen advertising, trailers, features and announcements.

\*4K playback requires license.

# IMB/ShowVault

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## IMB

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- ▶ HDMI® Input with HDCP Support
- ▶ Dual 3G SDI Input
- ▶ 8 Audio Pairs (through 2 RJ45 connectors)
- ▶ 8 GPOs (RJ 45)
- ▶ 4 GPI
- ▶ PCIe Connection + Gigabit Ethernet Connection to Doremi ShowVault Server
- ▶ Output Resolution up to 4096 x 2160 in 2D and 2048 x 1080 in 3D
- ▶ HFR (High Frame Rate) 3D 48FPS & 60FPS
- ▶ Dual projector support

## FORMATS - ENCRYPTED / NON-ENCRYPTED

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- ▶ JPEG2000
- ▶ MPEG2
- ▶ H.264

## SHOWVAULT INTERFACE

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- ▶ External PCI Express (for IMB Communication)
- ▶ Gigabit Ethernet for media transfer
- ▶ Gigabit Ethernet for management control and subtitling
- ▶ RS-422 serial control port
- ▶ USB 2.0
- ▶ DVD ROM\*
- ▶ CRU data-port\*

## SHOWVAULT STORAGE

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- ▶ Up to 6TB of RAID5 storage\*

## SHOWVAULT POWER

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- ▶ Dual-redundant power supply
- ▶ 100–240VAC 50–60Hz (300W max)

## SHOWVAULT DIMENSIONS

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- ▶ 19" x 20.5" x 5.25" (3RU)/(48 x 52 x 13 cm)
- ▶ 19" x 11" x 7" (4RU)/(48 x 28 x 19 cm)

\*ShowVault 4RU

Note: The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LCC in the United States and other countries.

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