

Solitaire Cine V Specifications

Professional Film Recorders for Motion Pictures

As stated by eight-time Oscar winner Dennis Muren of Industrial Light & Magic in a recent issue of **Entertainment Weekly**, "1995's land rush to use computer-generated footage stems from innovations made in a single piece of equipment five years ago, The Solitaire Image Recorder from Management Graphics, Inc. . . "

Solitaire Cine Image Recorders meet the demanding needs of special effects, animation and post-production facilities worldwide. MGI film recorders have been used to image digital special effects in many of Hollywood's biggest blockbuster films, including Toy Story, Forrest Gump, Jurassic Park, Terminator 2, The Mask, Casper and Batman Forever.

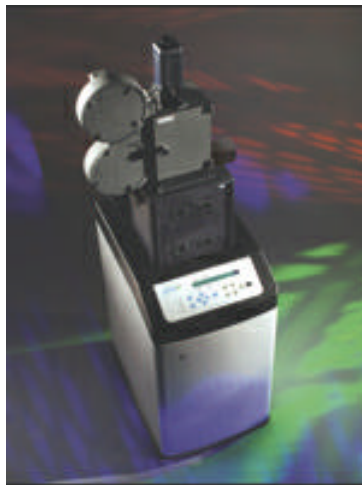
The new Cine V images a broader range of densities and does it faster than any other Solitaire. Cine V's great combination of speed and image clarity brings every digital effect to life. You get the performance you need without sacrificing the quality you must have.

Of course, Cine V includes many of the Solitaire features used to image digital effects in movies such as Godzilla, Toy Story,

Independence Day, and over 150 others: a custom-designed

Cine V sets new standards for quality, flexibility, and performance.

CRT for superb sharpness, a unique face plate and lens for extra-wide dynamic range and optimum contrast, MGI's patented Digital Geometry Control1, 36-bit color depth and support for custom color tables, a color-coded touch panel menu system, smart camera modules for storing configurations, and much more.



**A GREAT
 BALANCE**
between
**SPEED & IMAGE
 CLARITY!**

Building on the years of experience and tradition of innovation, the new Cine V offers the most advanced Solitaire features for imaging digital effects.

- [Addressability](#)
- [Features](#)
- [Front Panel](#)



Addressability

| | Maximum | 4x5 (3:4) | 35mm Acad. (1.37:1) |
|-----------|-------------|-------------|---------------------|
| 2K | 2048 x 2048 | 2048 x 1495 | 2048 x 1501 |
| 4K | 4096 x 4096 | 4096 x 2990 | 4096 x 3002 |
| 8K | 8192 x 8192 | 8192 x 5980 | 8192 x 6004 |

[\[Return to top\]](#)

Features

Buffering

- An internal 1MB RAM buffer, with optional buffer board for up to 256MB RAM buffer.

Firmware and LUT Upgrades

- Cine V firmware and factory LUTs can be easily downloaded from a host computer and saved to flash memory.

Digital Geometry Control (DGC)¹

- Patented DGC assures faithful reproduction of colors and images automatically. Crucial parameters such as alignment, dynamic focus, image size, centering, orthogonality, linearity, format, and vignette are all precisely managed by DGC.
- The Cine V's 36-bit color depth gives you the purest and most vibrant colors, blackest blacks and whitest whites available for continuous tone or computer generated artwork.

¹ U.S. Patent Number 4,754,334

Custom-designed CRT

- Special design with small spot allows users to shoot higher density images.

[\[Return to top\]](#)

Front Panel

Color-coded push-button menu system

- Back-lit display -- 2 lines, 16 characters per line.
- Cine-oriented buttons include Camera Setup, Load, and Advance Many Frames.
- Much more information is displayed.

Image Postion and Size Adjustment

- Adjust both image size and image position by percentage from the front panel.

Cutom Controls

- Position and Size
- Contrast
- Exposure

Color Correction

- Add or subtract red, green, blue or neutral exposure in industry standard CC (Color Correction) units.

Built-in Diagnostics

- An extensive self-diagnostics program is executed at every power-up, speeds production by troubleshooting before your imaging run.

[\[Return to top\]](#)

[\[Home\]](#)[\[Text Only\]](#)

| | | | | | |
|----------------------------|--------------------------------|-----------------------------|-------------------------------|--------------------------|-------------------------|
| [Products] | [Tech Support] | [About MGI] | [Contact MGI] | [Search] | [Links] |
|----------------------------|--------------------------------|-----------------------------|-------------------------------|--------------------------|-------------------------|

This information was last updated on 12 April 1999 at 14:38. Any questions or comments should be directed to the [webmaster](#).

© Management Graphics, Inc.1996,1997