

Solitaire₈ Pro

Professional Series

The Solitaire₈ Pro Image Recorder from Management Graphics combines years of proven film recorder experience and the latest electronic technology. The result is a digitally driven recorder that produces full color slides in under a minute with the capability of shooting 8K 4x5s and 8x10 overhead transparencies. This makes short work of fast turn-around jobs and makes big projects seem small. It's today's answer for the professional who demands high-quality output and outstanding speed.

Dramatic Productivity

Solitaire₈ Pro can give you excellent quality and an imaging time of less than one minute per slide at 2K and 4K (8K slightly longer). That means

you can produce more slides and large format images per hour than ever before. Plus, an automatic self-diagnostic feature at power-up saves valuable imaging time by reducing the need for troubleshooting during production. You'll save even more time with its easy film loading and unloading operation.

Consistent Images

Solitaire's unique patented Digital Geometry Control*, a computerized pinpoint adjustment, assures faithful reproduction of colors and images at 2K, 4K, and 8K resolutions. It can support over 68 billion colors allowing

virtually unlimited creative flexibility and graphic realism. And Solitaire₈ Pro eliminates guesswork with its unique automatic calibration and alignment.

Easy Operation

Operating the Solitaire₈ Pro is a snap. The color-coded, push-button menu system gives you quick fingertip access to all the recorder's functions. Use the load, unload, advance, and rethread buttons to speed you through

everyday activities. The front panel menu system also makes it easy to adjust image characteristics such as position, size, gamma, and color balance.

And once you've configured the unit the way you want it to operate, you can store the configuration for future use. When you combine that with the fact that Solitaire can



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Keeping Your Needs In Focus

Solitaire₈ Pro

detect which camera module you're using (and adjust its settings accordingly), the time you'll save is significant.

Its front panel backlit Liquid Crystal Display (LCD) shows continuous system operation status. The Solitaire₈ Pro also lets you imprint the sprocket area with information including time, date, resolution, camera module ID, a 16 character message, and much more. The Solitaire₈ Pro's compact, vertical

design makes it easy to fit into your existing environment.

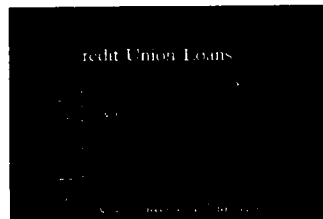
Total Compatibility

Solitaire₈ Pro is GPIB and SCSI compatible and can be configured with Macintosh computers, PCs, UNIX workstations, and other computer graphic systems.

Of course, Solitaire₈ Pro is backed by the commitment and support you've come

to expect from Management Graphics – the name that means quality and performance in the presentation graphics industry.

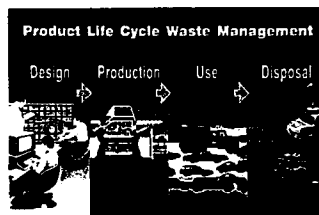
*U.S. Patent Number 4,754,334
Solitaire is a registered trademark and Solitaire₈ Pro is a trademark of Management Graphics, Inc.,
Macintosh is a registered trademark of Apple Computer, Inc.



Courtesy Burroughs Wellcome Research Graphics



Courtesy Ron Griesbeck



Courtesy Ron Griesbeck

Specifications

Addressability (35mm)

2048 x 1366, 4096 x 2732, 8192 x 5464

Number of colors

> 68 billion

Imaging speed (35mm)

43 seconds at 2K, 4K; 90 seconds at 8K

Imaging speed (4"x5")

Fast Scan: 90 seconds at 2K, 4K, 8K

Slow Scan: 5:30 minutes at 2K, 4K, 8K

Digital Geometry Control (DGC)

Automatic alignment of image geometry, including focus, image size, centering, orthogonality, linearity, format, and vignette.

Power up

Self test

Front Panel

Image Position and Size, Color Correction, Gamma Control, Time and Date Clock, Status Line, Liquid Crystal Display

Camera module options

See the Solitaire₈ Camera Module Guide for a complete list.

Recommended film type

Black and white: 100, 200, and others (consult MGI)

Interface

GPIB, SCSI (optional)

Dimensions (H x W x D)

31" x 16" x 23" (78.7cm x 40.6cm x 58.4cm)

Weight

120 lbs. with cartons (54.48 kgs.)

Power

110V, 50 to 60Hz (USA); 240V, 50Hz (Int'l);

Operating Power: 300 watts

Operating environment

Temperature: 15° to 30° C (59° to 86° F)

Relative humidity: 65% to 80% (non-condensing)

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