

ColorMark® RIPs for Your ColorSpan® Printer



To get the most out of your DisplayMaker® printer, you need to choose the right front-end Raster Image Processor (RIP). As a key component to a wide-format printing solution, ColorMark RIPs include the latest PS level-3 interpreter software, ColorMark color management software with hundreds of ink and media profiles, ICC workflow support, Mac/PC printing tools and file downloader applications.

ColorMark Pro 2.8G Print Server

The **ColorMark Pro 2.8G Print Server** is the ultimate turn-key solution for all your Big Color® wide-format printers. It provides blazing-fast 2.8 GHz processing with connectivity for multiple ColorSpan printers. The ColorMark Pro 2.8G comes complete with ColorMark software, 52x CDRW drive for archiving RIPed files, keyboard, optical wheel mouse and a flat panel LCD color display monitor.

ColorMark Software RIPs

The **ColorMark Personal Software RIP** is designed for first-time users driving a single DisplayMaker printer. Adding advanced productivity features, the **ColorMark Professional Software RIP** is a full-featured product that can be connected to multiple DisplayMaker printers. Either can be installed as a client or a server on systems running Windows NT, 2000, or XP operating systems.



ColorMark Color Management

Color Conversion

ColorMark accepts multiple RGB and CMYK color spaces for accurate color translation. It supports the TRUMATCH® Swatching System for simple and accurate color swatch selection.

Color Profiles

ColorMark includes over 100 unique color profiles for a wide range of practical ColorMark ink and media combinations. Sophisticated color manipulation techniques such as Gray Component Replacement (GCR) and Under Color Removal (UCR) are used to create the most accurate images while minimizing ink usage.

Color Calibration

ColorMark reads data taken from color measurements and compensates for varying printer performance and environmental conditions. Calibration data can be received in two ways:

• Printer's Automation Eye

Built-in color camera on DisplayMaker® 72s, 72sR, X-12, X-12+, Mach 12, Series XII and Esprit printers.

• External Calibrators

Also supports handheld ColorMark Calibrator, X-Rite DTP-41 Strip Reader and Gretag Spectrolino SpectroScan.

ColorMark+ Software

This optional software adds 2 advanced color management functions:

- **Create ICC and ColorMark color profiles:** A simple, guided process leads users through the creation of color profiles for their choice of media, ink and colorset combinations.
- **Adjust RIPed files:** Crop images and make color adjustments for image brightness, contrast, saturation and hue, in addition to changing color balance in the highlights, midtones and shadows of RIPed files.



The ColorMark Color Management System gives you accurate and consistent color reproduction. Plus, the simple to follow graphical interface is a powerful tool for a fast-paced work environment. Productivity features include QuikPrint™ scale, rotate, tile, preview, RIP-Saver® and MediaSaver®.

ColorMark® RIPs

Features & Specifications

	Pro 2.8G Server	Professional S/W	Personal S/W
PROCESSOR	Pentium® 4, 2.8 GHz	Min. P4, 1.5 GHz	Min. P3 866 MHz
MEMORY	512 MB RAM	Min. 256 MB, Max. 1 GB	Min. 256 MB, Max. 1 GB
DISK STORAGE	40 GB IDE hard drive 3.5" floppy drive 52x CD-RW drive 8x DVD drive	Min. 3 GB free space Requires 3.5" floppy drive Requires CD-ROM drive	Min. 3 GB free space Req. 3.5" floppy drive Requires CD-ROM drive
DISPLAY MONITOR	Flat panel LCD color monitor	Customer supplied	Customer supplied
FONTS (TYPE 1 TYPEFACES)	235	235	35
COLORMARK COLOR MANAGEMENT	Standard	Standard	Standard
COLORMARK+ SOFTWARE	Optional	Optional	Optional
PAGE DESCRIPTION LANGUAGE	PS Level 3	PS Level 3	PS Level 3
PRINTER CONNECTIVITY	Multiple printers via 100 Mbit ethernet hub		Single DisplayMaker printer
RIPSAVER® FEATURE	RIPed files can be routed for either temporary or permanent storage and reprinted without reRIPing		Temporary storage only
MEDIASAVR™ FEATURE	Optimizes media usage by automatically or interactively arranging multiple jobs across the width of the media		Not Available
PREVIEW SCREEN	Display RIPed file on screen as it will appear when printed		Not Available
QUIKPRINT™ FEATURE	Need to make a quick print? Just insert a CD with an EPS, JPEG or TIFF image, size, rotate, position it and print		Not Available
JOB LOGGING	Automatically records RIP time and supplies used; files can be saved in text format for tracking or billing purposes		
DOWNLOADER UTILITY	Macintosh and Windows application that allows direct downloading of PostScript, PDF, EPS, JPEG, TIFF or Photo CD files		
NETWORK CONNECTIVITY	10BaseT/100BaseTX ethernet interface. Supports EtherTalk, TCP/IP, Novell NetWare, Microsoft Windows Network protocols		
COLOR CALIBRATION	Automatic color linearization for accurate, consistent color using the on-board camera of the DisplayMaker 72s, 72sr, X-12, X-12+, Mach 12, Series XII and Esprit printers		
DEPOT WARRANTY	One year parts and labor	N/A	N/A
REGULATORY CONFORMITY	Safety: UL, c-UL, TUV-GS Emissions: FCC-A, CE, VCCI-1	N/A	N/A
SHIPPING WEIGHT/SIZE	Server: 55 lbs. (25 kg.) 24"W x 16"H x 24"D (61 x 40.6 x 61 cm.) Monitor: 11 lbs. (5 kg.) 16"W x 5"H x 18.5"D (40.6 x 12.7 x 47 cm.)	N/A	N/A
POWER REQUIREMENTS	100/240 volts AC 300 watts, max. (server) 35 watts, max. (monitor)	N/A	N/A

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