

Canon

ColorPASS-Z800



GRAPHIC ARTS
SYSTEMS



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ColorPASS-Z800

The power you need, the color you trust

As deadlines run shorter and files become more complex, design firms, advertising agencies, short-run print-for-pay and commercial printers demand more powerful processing tools to remain competitive. Canon's robust new ColorPASS-Z800 was created to support the most demanding applications of the graphic-intensive, fast-paced market.

Designed in conjunction with EFI, the ColorPASS-Z800 quickly processes large graphic files with a Pentium® 4 @ 2.0GHz processor, a 60GB HD, and 256MB of RAM. Ideal for color-critical situations, it connects seamlessly to any CLC 1100 Series device to offer a complete color imaging system.

Now take ultimate control over your color with Canon's standard Graphic Arts Feature Set, a proprietary package that includes features like Spot-On® Color Matching to closely reproduce PANTONE® colors, Auto Trapping to ensure proper registration, and Hot Folders to eliminate the time-consuming task of configuring print settings for multiple jobs. ColorWise® 3, the powerful color manage-

ment software, lets you utilize ICC profiles and customize color curves, and offers advanced calibration technologies that ensure brilliant, accurate colors.

Designed for any workflow

Built on a Windows® XPE Platform, the ColorPASS-Z800 lets you easily manage multiple jobs in any environment. It comes complete with Command WorkStation™ 4.1, the comprehensive and centralized print-job management software. With CWS tools, you'll easily navigate, and instantly track, edit, and merge any number of jobs. Additionally, you'll be able to preview PDF files and scale images to fit various paper sizes. Also included is the new Command WorkStation LE 4.0 for Mac.

Equipped with EFI® Job Monitor, this ColorPASS gives you the ability to track the status of any job you send to an EFI-driven device and alerts you to errors that would prevent your job from printing. With the consistent and user-friendly interface of new Unidriver 2.0, you'll create shortcuts, receive pop-up menu information, and place watermarks anywhere on the page.

The hub of your network

Canon's ColorPASS-Z800 maintains the color integrity of even the largest graphics files, making it an ideal hub for your printing and scanning network. It integrates seamlessly into existing networks via NetWise™ 3, and it supports Fiery® Remote Scan 4.x for advanced capabilities, such as scanning hard copies back to your desktop or server, or E-mailing scans to any user over the Internet.

This flexible server connects easily to virtually any network. It has two Ethernet connections: a 100Base-T connection to join conventional networks, and a gigabit connection to hook into the most advanced, high-speed networks.

A total solution

The ColorPASS-Z800 is specially designed to meet the demands of the most discriminating graphics professionals. It supports DocBuilder Pro™ 2.2, an optional imposition tool, and connects effortlessly with Canon's Stapler Sorter and High-capacity Stacker for advanced capabilities on high-volume projects. Combine it with a CLC 1110/1140/1180, and you'll have a complete color imaging system that outputs the unrivalled color that can only be expected from Canon, a world leader in digital imaging.

ColorPASS-Z800 Specifications

Hardware

- Canon ColorPASS-Z800 Motherboard
 - Intel® Pentium 4 @ 2.0GHz CPU
 - 256MB SDRAM (Upgradable to 512MB)*
 - 400MHz System Bus (Front Side Bus)
 - 512K level two cache
- 60GB hard disk
- DVD-ROM Drive

CLCs Supported

- CLC 1110/1140/1180/1150/1120/1100

Document Printing Features

- RIP-While-Print®
- Continuous Print
- Reverse order printing
- Electronic collation
- Save fast reprint
- Document full-screen preview, job merging, and editing
- DocBuilder Pro License (Optional)
- Error-free printing
- Auto duplexing support
- Archiving
- Load balancing
- Transparency interleaving
- Slip-sheeting
- Media server
- Tray alignment
- Custom page sizes
- E-mail job submission
- PPML support
- Cover Mode
- Face-down delivery**
- Sorting/Stapling**

Networking/Connectivity

- Simultaneous auto-switching protocols:
 - EtherTalk,® TCP/IP, Novell® IPX/SPX,™ 802.2, 802.3, Ethernet II and SNAP
- Frame types, Novell NDS®-compliant

- Autosensing ports
 - RJ-45
 - 10/100/1,000Base-T standard support
- Peer-to-peer Windows printing
- Automatic IP configuration
- IPP 1.1 (Internet Print Protocol)
- Port 9100 support
- Canon NDPS Gateway

Page Descriptions

- Adobe® PostScript® 3™

Language/Fonts

- PDF Printing (PDF 1.4)
- 136 Adobe Type 1 Roman PostScript scalable fonts

Resolution

- Continuous-tone at an appearance of 800 x 400 dpi at all page sizes supported by the copier

Scanning

- Fiery Scan and Fiery Remote Scan (RDF Support) TWAIN-compliant plug-in module for Adobe Photoshop® (Macintosh® and Windows)
- Capable of scanning up to tabloid size at 400 x 400 dpi
- Scan-to-E-mail
- Scan-to-Command WorkStation
- Scan-to-Mail Box

Utilities

- WebTools™
- Fiery Scan
- Fiery FreeForm™
- Fiery Downloader
- Fiery Spooler
- Job Log
- Fiery Driver (with Automatic Configurator)
- Command WorkStation 4.1 Software Kit
- Command WorkStation LE 4.0 for Mac

- Member Printing
- EFI Job Monitor

Color Management ColorWise 3

- Color Rendering Dictionaries
 - Photo
 - Presentation
 - Absolute Colorimetric
 - Relative Colorimetric
- ColorWise Pro Tools
 - Fiery Print Calibrator – easier calibration
 - Color Editor – customizing curves
 - Profile Manager – supporting ICC profiles
 - Color Setup – default color settings
- Color charts and reference pages
- RGB separation
- Spot color management – PANTONE-calibrated
- Trapping and overprinting
- Automatic black overprinting
- Independent RGB, PANTONE, and CMYK controls
- Pure black text/graphics
- Gray Component Replacement (GCR) control
- Spot color in PDF
- Image Smoothing

Graphic Arts Feature Set (Standard)

- Halftone Screening
- Hot Folders
- Spot-On
- Auto Trapping
- TIFF/IT Support
- Paper Simulation
- Multiple Plate Separation
- Soft Proofing

Press Simulation

- Quick Simulation – adjusts toner density
- Full Simulation – adjusts toner density and hue

- Full Simulation with GCR
- Support for SWOP, Euroscale, DIC printing standards and others through ICC profiles
- Support for custom simulation targets
- Simulation on a per-job basis

Calibration

- Default calibration for great out-of-the-box color
- ColorCal
- AutoCal 2
- Fiery Print Calibrator
- Calibration on a per-job basis
- Auto Gray
- PostRaster Calibration

Memory Management

- ECT compression (off support)

Optional Hardware/Software

- Advanced Controller Interface Kit
 - Flat-screen monitor
 - Keyboard and mouse
- EFI Densitometer
- DocBuilder Pro License

Power Supply

- Auto-switching 90-135/180-265 Vac, 47-63Hz
- 350W

Power Consumption

- 6A @ 115 Vac

Dimensions (H x W x D)

- 20" x 9-1/2" x 20-2/5" (508mm x 243mm x 518mm)

Weight

- 39 lb. (17.69kg)

*Contact Canon-authorized dealer for details.

**Copier must support functionality.

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