

# Canon

*ColorPASS-27100*



**PRODUCTION  
SYSTEMS**



# ColorPASS-Z7100

## PRODUCTION SYSTEMS

### THE ColorPASS®-Z7100 COLOR SERVER— A NEW LOOK AT TECHNOLOGY.

Throughout the world, Canon color equipment is known for its outstanding speed, power, and technology. The new ColorPASS-Z7100 Color Server is no exception. It was designed on the **ColorPASS Enhanced Platform** to serve as a complete solution. Plus, it connects to the Canon CLC® 5100 and CLC 4000 devices to bring you exceptional color output.



#### Many Jobs. One Solution.

This powerful color server runs on a Windows® XPE Platform, comes with a Pentium® 4, 3.06GHz processor, and is loaded with 512MB of RAM and a 160GB HD. The ColorPASS-Z7100 Color Server takes the stress out of managing multiple projects because Command WorkStation® comes with an enhanced graphical user-interface that makes viewing properties and managing jobs easier than ever before. With this comprehensive software, you'll have an advanced job log, plus, you'll preview PDF files, scale images to fit various paper sizes, and easily track, edit, and merge any number of jobs from one location. You'll also have the Schedule Printing feature which allows you to run each job at its most opportune time. The ColorPASS-Z7100 includes Command WorkStation LE, so Mac OS X users will have access to many of these powerful features, as well.

#### Process, Print, Publish, Produce.

The addition of the ColorPASS-Z7100 expands your capabilities. The **ColorPASS EnhancedPlatform** includes Mixed Media 1.3, so you can use simplex and duplex sheets in the same document, pull stocks from different paper sources, and output variable data projects.

The ColorPASS-Z7100 offers production professionals a new level of control. Consider that it includes ImageShift, the feature that gives you greater control over front-to-back registration on duplex sheets. The ColorPASS-Z7100 also comes with Impose (formerly DocBuilder Pro™), the imposition tool that sets up booklets, allows for "multiple ups," and supports variable data jobs.

Connect the ColorPASS-Z7100 server to a Canon CLC device for a complete system that's ready to produce any number of projects, including booklets. A setting in the driver allows you to create booklets quickly and easily using the Canon Nagel Finisher.

### Technology Comes in Many Colors.

When your production center is equipped with the ColorPASS-Z7100 Color Server, you can control color easily and intuitively. The server comes standard with ColorWise® 3.3, the color management software that gives you more control over color calibration and lets you utilize ICC profiles and customize color curves. And ColorWise 3.3 lets Mac users access advanced color management settings directly through the print driver.

The ColorPASS-Z7100 comes standard with the Graphic Arts Feature Set, so you will have nine powerful features, including Hot Folders to help eliminate the time-consuming task of configuring print settings for multiple jobs, TIFF/IT to convert TIFF/IT files, Auto Trapping to take control over trapping and registration preferences files, and Spot-On® Color Matching to help reproduce PANTONE® colors accurately. Also, you can upgrade to the Premium edition, which offers more configurable versions of the standard features, along with additional features like Progressives, for printing color separations in any sequence; Control Bars for boosting quality control and color consistency; Postflight, for debugging color programs; and ImageViewer 1.5, for post-Raster color editing.

### The Real Meaning of “Job Security.”

The ColorPASS-Z7100 fits easily into environments where security is an issue. The **ColorPASS Enhanced Platform** offers a number of standard security features, including IP filtering, port blocking, and Secure Erase. Set to U.S. government standard D.D 5220.22-M, Secure Erase is a method to help safely and securely remove jobs from your hard drive. This ColorPASS model also offers the option of adding a removable hard drive for additional security.



### New Connections.

Whether your system is running on a Mac or PC platform, the ColorPASS-Z7100 is ready to serve as the center of your color imaging system. This flexible color server comes with Fiery® Remote Scan 5.2 for your desktop, so you can launch it as a stand-alone application to execute advanced features (like scanning hard copies back to your desktop or e-mailing scans to Internet users), or you can use it as a plug-in for applications such as Adobe® Photoshop®.

### Leading the Industry.

Busy production environments turn to the Canon ColorPASS-Z7100 Color Server for good reason. It brings them high speed, intuitive software, and expanded capabilities, all in a single package. And it's from Canon, the name to trust for high-end color imaging solutions.

## ColorPASS-Z7100 Specifications

### Hardware

- Canon ColorPASS-Z7100 Motherboard
  - Intel® Pentium 4 @ 3.06GHz CPU
  - 512MB SDRAM
  - 533MHz System Bus (Front Side Bus)
  - 512K level two cache
- 160GB hard disk
- DVD/CD-RW Drive

### CLCs Supported

- CLC 5100/4000/5000+/5000/3900+/3900

### Document Printing Features

- RIP-While-Print®
- Continuous Print
- Reverse order printing
- Electronic collation
- Save fast reprint
- Document full-screen preview, job merging, and editing
- Error-free printing
- Auto duplexing support
- Archiving
- Load balancing
- Image Shift
- Schedule Printing
- Booklet Maker
- Transparency interleaving
- Slip-sheeting
- Media server
- Impose (DocBuilder Pro)
- Tray alignment
- Custom page sizes
- PDF editing with PitStop software
- Imposition
- E-mail job submission
- PPM support
- Nagel Finisher support
- Cover Mode
- Face-down delivery
- Mixed Media 1.3 Support

### 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

- LDAP support
- Autosensing ports
  - RJ-45
- 10/100/1000Base-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 1.5)
- 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 5.2 (RDF Support) TWAIN compliant plug-in module for Adobe Photoshop (Macintosh® and Windows)
- Fiery Remote Scan stand-alone application (Mac/PC)
- Capable of scanning up to tabloid size at 400 x 400 dpi
- Scan-to-e-mail
- Scan-to-Command WorkStation
- Scan-to-Mail Box
- Scan-to-Disk
- Scan-to-FTP
- Scan-to-Internet/Fax

### Utilities

- WebTools™
- Fiery Scan and Fiery Remote Scan 5.2
- Fiery FreeForm™
- Fiery Downloader
- Fiery Spooler
- Job Log
- Fiery Driver (with Automatic Configurator)
- Command WorkStation 4.2 Software Kit

- Command WorkStation LE 4.0
- Member Printing
- EFI® Job Monitor

### Security

- IP Filtering
- Port Filtering
- Secure Erase
- Removable Hard Drive (optional)

### Color Management

#### ColorWise 3.3

- 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
- Mac OS X Support

### 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)

### Graphic Arts Feature Set

- Auto Trapping
- Paper Simulation
- Halftone Screening
- Soft Proofing
- Spot-On
- Hot Folders
- TIFF/IT input
- Multiple Plate separation
- HKS, DIC, and Toyo inks support

### Optional Hardware/Software

- Advanced Controller Interface Kit
  - Flat-screen monitor
  - Keyboard and mouse
- Impose (DocBuilder Pro)
- Graphic Arts Package, Premium Edition
- EFI Densitometer

### 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)

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