

Canon



CORPORATE SOLUTIONS

**ColorPASS-GX200
imagePASS-H1 v2.0**



**Color
imageRUNNER**
Let Your Business RUN

CORPORATE SOLUTIONS



INTRODUCING THE NEW CANON ColorPASS-GX200 AND imagePASS-H1 v2.0 PRINT CONTROLLERS

Two robust print server options that deliver incomparable productivity and exceptional document output capabilities on Color imageRUNNER® devices

Realizing the full potential of your digital color documents becomes reality with the new Canon ColorPASS-GX200 external and imagePASS-H1 embedded print controller options for Color imageRUNNER devices. Like never before, you can achieve unimagined color output with a host of productivity-boosting features, true Adobe® PostScript® support, and extraordinary control over all your printed documents.

Designed to manage the creation to finishing process for color-centric business and mid-level production environments, the ColorPASS-GX200 and imagePASS-H1 print controllers complete the document production workflow with outstanding capabilities and speed. The ColorPASS-GX200 controller enables graphic-intensive users and light- to mid-production environments to produce high-volume, color-intensive documents with a complete set of job management features, tools, and utilities. The imagePASS-H1 controller is a high-performance embedded controller ideal for mid-level production environments that require precise color accuracy.

The ColorPASS-GX200 and imagePASS-H1 print controllers each include an extensive list of features for total control over job management, achieving accurate color output, and merging variable data sources. Regardless of which controller option you select, deployment and administration have been streamlined to maintain high productivity, minimize downtime, and secure your information.

BOOST PRODUCTIVITY AND STREAMLINE WORKFLOW

imagePASS-H1



- **Hardware Designed for High Productivity**
Dedicated hardware and software to maximize processing speed
- **True Adobe PostScript Technology**
Ensuring color accuracy and print integrity of PS documents
- **Document Submission and Management**
Intuitive user interface and centralized workflow control
- **Brilliant Color Quality**
Advanced color management and consistent output
- **Powerful Document Assembly Tools**
Create complex documents with unique output settings
- **Advanced Workflow Software Options**
Rich variable data support and job creation tools
- **Uncomplicated Deployment and Administration**
Complete set of tools for integration, management, and security



ColorPASS-GX200

HARDWARE DESIGNED FOR HIGH PRODUCTIVITY

ColorPASS-GX200

The ColorPASS-GX200 print controller option for Canon Color imageRUNNER devices is a stand-alone server powered by a cutting-edge system architecture, at the heart of which is a 2.13GHz Intel® Core™ 2 Duo multiprocessor CPU and 1GB of RAM. Not only is the ColorPASS-GX200 controller built for production-level speed, but it also features the ultimate in industrial design to visually convey its multitasking prowess.

ColorPASS-GX200 Server



imagePASS-H1

The imagePASS-H1 print controller is an embedded server for Color imageRUNNER devices that's powered by a 1.5GHz Intel Celeron® M processor and 256MB of RAM. Nearly six times faster than other leading embedded controllers, the imagePASS-H1 is well adapted to the requirements of demanding workgroups that require high productivity and accurate color output.

Software Architecture for Peak Performance

The ColorPASS-GX200 and imagePASS-H1 controllers include SmartRIP technology, which uses highly intelligent processing routines that significantly increase RIP performance. SmartRIP also produces visibly smoother lines and crisper text at high resolutions. Multitasking is also no match for the Canon ColorPASS-GX200 and imagePASS-H1 controllers since they're able to concurrently RIP one print job while printing another for optimal productivity.

True Adobe PostScript Support

When it comes to rock-solid PS output, these controllers deliver true Adobe PostScript support. For the highest level of color precision and content interpretation from Adobe-based applications, the Canon ColorPASS-GX200 and imagePASS-H1 controllers inspire confidence with their accurate output.

The Canon ColorPASS-GX200 and imagePASS-H1 controllers are natively compatible with PDF file formats up to 1.7 (Acrobat 8.0) and Encapsulated PostScript (EPS) format. Support for XObjects is also included on a per-job basis, which can shorten the processing time required to RIP a document and reduce the file size stored on the controller when repeating elements are used.



imagePASS-H1 Controller

** The Hot Folders and Virtual Printers features are standard on the ColorPASS-GX200 and optional for the imagePASS-H1 v2.0.*

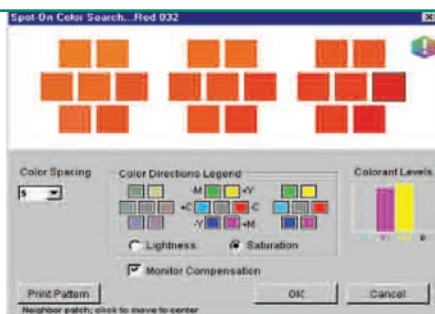
BRILLIANT COLOR QUALITY

ColorWise® Architecture

The ColorPASS-GX200 and imagePASS-H1 controllers utilize optimized ICC profiles that are designed specifically to achieve great default color on Color imageRUNNER devices. ColorWise works by automatically recognizing named spot and process colors, blends and tints in PostScript and PDF formats, and intelligently selects the optimal CMYK values for the device. Administrators also have access to expert-level tools to further adjust calibration, edit colors, and change driver settings for each color job as needed.

Spot-On® Technology with Substitute Colors

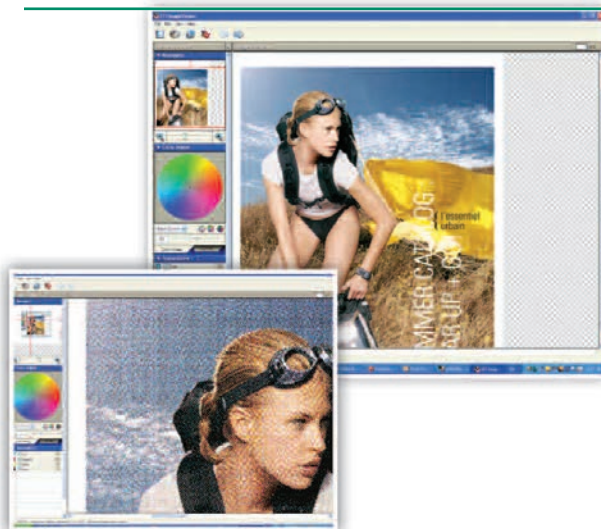
Achieving accurate and consistent color in printed documents is easy with the Canon ColorPASS-GX200 and imagePASS-H1 controllers. Through the Spot-On feature, users can quickly match spot colors in logos and other documents with ease. By managing “named” colors such as PANTONE®, HKS, Toyo DIC, and “substitute” colors, the Canon ColorPASS-GX200 and imagePASS-H1 controllers can ensure that colors are continually reproduced with precision.



Spot-On

Graphic Arts and Graphic Arts Premium Packages

The Graphic Arts* and Graphic Arts Premium packages* are advanced options that provide even greater utilities to help you maintain the exacting standards necessary for high color quality and accuracy. Each package offers a variety of tools to support proofing, graphic workflow, and specific accuracy requirements.

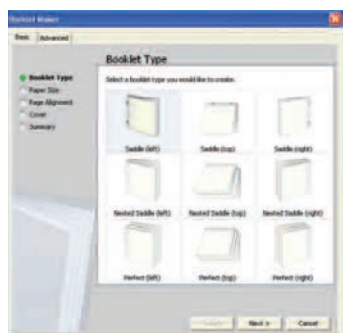


GA Premium Package Feature - imageViewer

ADVANCED DOCUMENT WORKFLOW

Document Assembly

Creating complex documents on the ColorPASS-GX200 and imagePASS-H1 controllers is facilitated through a number of available features. For quick and easy booklet creation right from the print driver, the Booklet Maker v3.0 software feature allows users to print multiple pages from any application in booklet style, without the need for advanced imposition programs. To produce documents with unique finishing and paper settings per page or a range of pages, the Mixed Media tab in the print driver provides a powerful means to customize output for different paper sources, weights and stocks. And to make sure that the proper paper selection is made at the time of printing, the standard Media Manager in the print driver provides real-time information on the Color imageRUNNER device's installed paper types and tray assignments.



Booklet Maker

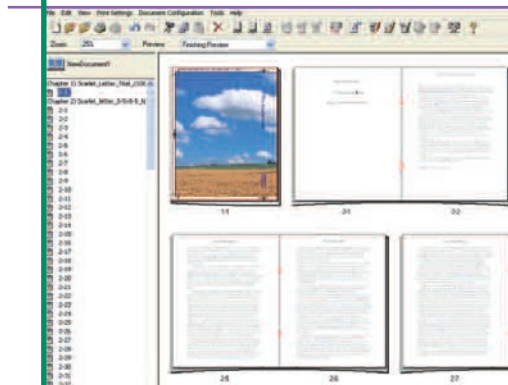
imageWARE Prepress Manager

The Canon imageWARE Prepress Manager software option is a comprehensive make-ready and production workflow tool designed to simplify the document publishing process. The software supports page-level programming for media selection and finishing as well as detailed document imposition, and registration marks. Complex documents can be created from source files made in many different applications and easily combined with scanned originals. Once in Canon imageWARE Prepress Manager, pages can be manipulated through the robust image and content editing tools.

Create Highly Customized Documents

The ColorPASS-GX200 and imagePASS-H1 controllers include a number of industry-leading tools to produce highly customized documents with variable data printing. With support for many standard VDP file formats, documents can be created in a variety of applications for output on a Color imageRUNNER device. The ColorPASS-GX200 and imagePASS-H1 controllers also include Freeform™ and Freeform 2 embedded applications that provide basic variable data printing capabilities for personalization and flexibility. For more advanced needs, the Canon ColorPASS-GX200 controller includes support for many leading VDP authoring programs that utilize the latest PPML 2.2 and VPS formats. The ColorPASS-GX200 has been optimized to accelerate the merging of variables and global objects, and can quickly process multiple images for increased productivity.

imageWARE Prepress Manager



SPECIFICATIONS

ColorPASS-GX200

Hardware

CPU:	Intel Core 2 Duo E6400, 2.13GHz
System:	System 8 Release 2
Memory:	1GB (Standard)
HDD:	160GB
DVD/CD-RW:	Standard
Interfaces (to LAN):	10/100/1000Base-T (RJ-45)
Server Size (H x W x D):	19-1/5" x 8-2/5" x 19"

imageRUNNER Engine Supported

Color imageRUNNER C5185/C4580/C4080

Operating System/Supported PDL

Windows XPe/Adobe PostScript 3

Color Management Features

- ColorWise tools
 - Spot-On with Substitute Colors
 - Graphic Arts Feature Set (Option)
 - Graphic Arts Feature Set Premium (Option)
- Rich Black feature

Workflow and Print Management Features

- Command WorkStation
- Hot Folders and Virtual Printer
- JDF support
- Mixed Media and Booklet Maker V3
- Suspend on Mismatch
- Process Next
- Quick Doc Merge
- Schedule Printing
- Advanced Job Re-Order
- Paper Catalog
- Compatibility with PDF 1.4, 1.5, 1.6, 1.7 and PDF/X

Networking/Connectivity

- Simultaneous Auto-switching Protocols
- EtherTalk II
- TCP/IP
- Novell® iPrint
- LDAP Support
 - Exchange, Novell, Domino LDAPv3/RFC2251
 - E-mail address access and authentication
 - User password validation
- Certificate Management
 - SSL/TLS
 - X509 Standard
- IPv6 Support
- IP Sec Support

Auto-sensing Ports

RJ45 for on-board 10/100/1000Base-T and 10/100Base-T, Automatic IP configuration

SNMP Printing Support

Mac Bonjour, AppleTalk®, SMB (peer to peer), LPD

Security

- Password access in CWS
- Secure Erase
- IP Filtering
- MAC Filtering
- Port Blocking
- SNTP
- SNMPv3 System Updates
- 802.1x Support
- User Authentication
- IP Sec Support
- SSL/TLS Support
- Removable Hard Disk Drive (Option)

Variable Data Printing

FreeForm, PPML

Utilities

- ColorPASS-GX200 Driver
- Command WorkStation, Windows Edition
- Command WorkStation, Macintosh Edition
- WebTools
- Hot Folders and Virtual Printers

Power Supply and Consumption

- Auto-switching 90-135/180-265 Vac, 47-63Hz
- 6A @ 115 Vac; 3A @ 230 Vac

Safety/EMC

- CE Mark, CSA, TUV/GS, UL, CB Scheme, RoHS
- EMC
 - EN55022 Part B (CE marked)
 - FCC Class B
 - VCCI II

Options

- Graphic Arts Feature Set V2.1
- Graphic Arts Feature Set Premium V2.1
- Impose V2.7
- Compose V2.0
- Removable Hard Disk Drive Kit-B1
- X-Rite Eye-One
- Advanced Controller Interface Kit
- Integrated Interface and Stand-A1

imagePASS-H1 v2.0

Hardware

CPU:	Intel Celeron M, 1.5GHz
System:	System 8e Release 2
Memory:	256MB (Standard), 512MB (Maximum)
HDD:	80GB
Interfaces (to LAN):	10/100/1000Base-T (RJ-45)
Dimensions (H x W x D):	11-1/2" x 4-1/2" x 13"

imageRUNNER Engine Supported

Color imageRUNNER C5185/C4580/C4080

Operating System/Supported PDL

Linux/Adobe PostScript 3, PCL5c/6

Color Management Features

- ColorWise tools
- Spot-On with Substitute Colors
- Rich Black feature

Workflow and Print Management Features

- Command WorkStation
- Folders and Virtual Printer
- JDF Support
- Mixed Media and Booklet Maker V3
- Paper Catalog (Option)
- Compatibility with PDF 1.4, 1.5, 1.6, 1.7 and PDF/X

Networking/Connectivity

- Simultaneous Auto-switching Protocols
- EtherTalk II
- TCP/IP
- Novell iPrint
- LDAP Support
 - Exchange, Novell, Domino LDAPv3/RFC2251
 - E-mail address access and authentication
 - User password validation
- Certificate Management
 - SSL/TLS
 - X509 Standard
- IPv6 Support
- IP Sec Support

Auto-sensing Ports

RJ45 for on-board 10/100/1000Base-T and 10/100Base-T, Automatic IP configuration

SNMP Printing Support

Mac Bonjour, AppleTalk, SMB (peer to peer)

Security

- Password Access in CWS
- Secure Erase (Option)
- IP Filtering
- MAC Filtering
- Port Blocking
- SNTP
- SNMPv3 System Updates
- 802.1x Support
- User Authentication
- IP Sec Support
- SSL/TLS Support

Variable Data Printing

FreeForm

Utilities

- imagePASS-H1 v2.0 Driver
- Command WorkStation, Windows Edition
- Command WorkStation, Macintosh Edition
- WebTools
- Hot Folders and Virtual Printers (Option)

Power Supply and Consumption

Auto-switching power supply with active PFC

Safety/EMC

- CE Mark, CSA, TUV/GS, UL, CB Scheme, RoHS
- EMC
 - EN55022 Part B (CE marked)
 - FCC Class B
 - VCCI II

Options

- Impose V2.7
- Hot Folder V2.0
- Secure Erase V1.0
- Paper Catalog Kit
- 256MB Option Memory Kit

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