Advanced RIP Software with Adobe®PostScript®3™ Compatibility

ComColorExpress RS1100C

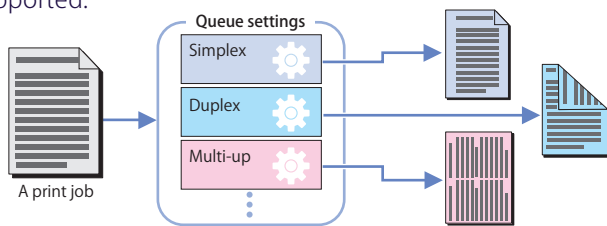RISO

The smart approach to transactional printing

RIP software for ComColor GD and FW Series printers
that supports the functions and workflows essential for transactional printing,
bringing high productivity to every business environment

Adobe PostScript

Queue settings that make your printing operations easier

By creating queues for frequently used print settings, you can streamline your printing operations. Hot Folders are also supported.
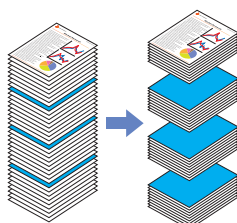

A print job

Queue settings
- Simplex
- Duplex
- Multi-up

Tray selection per page that enables mixed paper types in one print job

By specifying the feed tray for each individual page, you can use different types of paper for particular pages.
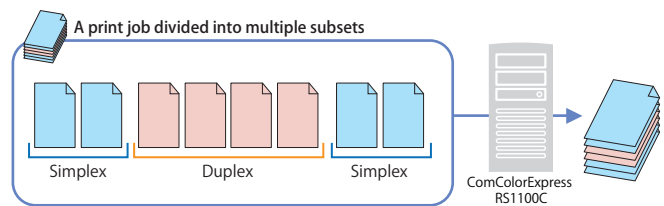

Page1, Page4 → Standard Tray
Page2 → Feed Tray 1
Page3 → Feed Tray 2

Page1 Page2 Page3 Page4

Slip sheets that facilitate sorting

Slip sheets (such as colored paper) can be inserted between separate prints at specified intervals, even when multiple jobs are printed continuously. By using slip sheets, you can reduce the amount of sorting work required for large-volume printing.
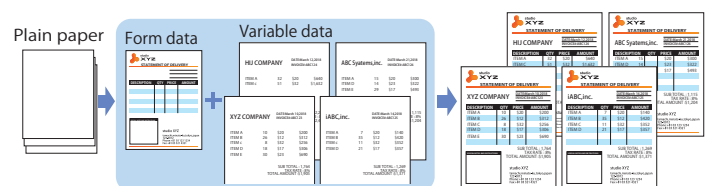

Support for subsets that allow more advanced print settings

You can print with desirable settings by dividing a print job into multiple subsets and configuring individual print settings on each subset. For example, you can perform mixplex printing that mixes simplex printing with duplex printing, or perform stapling or hole-punching for only part of a job.

A print job divided into multiple subsets

Simplex   Duplex   Simplex   ComColorExpress RS1100C

Form overlay that simplifies variable data processing

Variable data can be overlaid onto previously registered forms and printed. This eliminates the need to prepare preprinted paper, enabling you to reduce costs and improve efficiency.

Plain paper   Form data   Variable data

Color profile registration

You can register color profiles that were created for specific types of paper or intended uses.

■ Main Functions

Layout	Duplex, Image rotation, Mixed output size, Zoom, Imposition, Binding margin setting, Creep compensation
Tray	Input tray selection, Tray selection per page, Paper type selection, Output tray selection*, Output face selection*, Continuous output*, Collate, Reverse order printing, Slip sheet
Finishing	Finishing side selection*, Staple mode*, Punch mode*, Booklet fold mode*, Fold mode*, Offset output pages*, Header page printing
Image	Color output mode, Resolution setting, Original type selection, Screening setting, Draft, Envelope processing, Line smoothing, Print density adjustment, Gamma control
Form	Form overlay, Prepend/append form

Annotation	Annotation, Start number setting, Print start page setting, Insert page number , Insert total pages, Transparency, Font, Font size, Font information insertion
Shifting	Image shift, Print position
Workflow	Destination selection, Queue selection, Queue code (1-8 digits), Print and hold, Job name input, Owner name input, Secure print, Print and pause, Job splitting, Send E-mail (job status notification), Comment input, Slow printing
Color	Setting color profiles, Pure black, Maximum number of ink drops setting, Rendering intent selection
Console	Message/Status display, Job manager, Viewing/Editing job details, Checking printer status, Detailed settings of RIP, Managing custom queue, Color calibration, Font management, Reports (system events log, accounting information), Rebooting/shutting down

* When optional accessories are connected to ComColor printer.

Specifications and Requirements

ComColorExpress RS1100C specifications

Compatible printer	ComColor FW Series, ComColor GD Series
PDL	PostScript 3 (CPSI:3019)*, PDF (1.7), PCL 5c, PCL 6 (PCL XL), TIFF (6.0), PPML (2.1) *Genuine Adobe engine
Applicable protocol	TCP/IP, HTTP, HTTPS (SSL), DHCP, FTP, SMB, NetBIOS, LPR, IPP, Port 9100 (RAW port), IPv4, IPv6, IPSec
Installed font	PS: 139 fonts (Type 1: 120, TrueType: 19) PCL: 80 fonts

System requirements for RIP software

The computer in which the RIP software is installed must be dedicated to RIP operation.

Operating system	Windows® 10 Home/Pro (64-bit)
CPU	For FW Series : Intel® Core™ i3-8100 3.6 GHz or faster For GD Series : Intel Core i7-8700 3.2 GHz or faster
Memory	For FW Series : 8 GB or greater For GD Series : 16 GB or greater
Hard disk	501 GB or greater of free space

Network interface	2 ports (Ethernet: 1000BASE-T) 1st port: For sending and receiving data to/from a client computer 2nd port: For sending and receiving data to/from ComColor
USB port	2 ports For dongle connection: 1 port (USB 3.0 or later) For software update: 1 port (USB 2.0 or later)

Supported OS for printer driver and RISO Management Tool

Operating system (Client computer)	Windows: Windows 7 (32-bit/64-bit) SP1 or later, Windows 8.1 (32-bit/64-bit), Windows 10 (32-bit/64-bit), Windows Server® 2008 (32-bit/64-bit) SP2 or later, Windows Server 2008 R2 (64-bit) SP2 or later, Windows Server 2012 (64-bit), Windows Server 2012 R2 (64-bit), Windows Server 2016 (64-bit) Mac OS: v10.8 (Mountain Lion), v10.9 (Mavericks), v10.10 (Yosemite), v10.11 (El Capitan), v10.12 (Sierra), v10.13 (High Sierra),v10.14 (Mojave) Linux® Only the operations using the PPD with the CUPS are supported.

ComColor series inkjet printers offer ultimate speed and efficiency.

With print speeds up to 160 ppm the durable ComColor GD and FW Series inkjet printers deliver a new level of productivity. The revolutionary heatless imaging process and straight paper path produce cold, flat, and dry output that requires no cooling period. Printed pages can move directly to finishing processes, vastly reducing production times.

GD Series

FW Series

For more details please contact:

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