



- Productive 105 ppm output (A4)
- Automatic trayless duplexing
- 10 GB integrated Image Server
- 100 high capacity mailboxes
- Compact and durable design
- Easy and reliable operation
- Large 7,650-sheet paper supply*
- Professional finishing options

* with paper deck accessory

iR105 Specifications

Type: Console type
Copying system: Laser dry electrostatic transfer system
Platen: Fixed
Acceptable originals: Paper sheet, book and three dimensional objects up to 2 kg
Max. original size: A3
Copy size: Cassette: A5R to A3, Manual: A6 to A3
Scanning Resolution: 600 x 600dpi / 256 tones
Printing Resolution: Copy: 1200 x 600dpi, Print: 2400 x 600dpi
Zoom: 25 - 400% (1% increments)
Speed: 105 ppm / A4, 45 ppm / A3
First copy time: DADF Feeding: 4.1 seconds or less, Platen glass: 2.9 seconds or less
Warm-up time: 6 minutes or less
Multiple copies: 1 - 999
Dimensions (W x D x H): 1035 x 795 x 1395 mm
Weight (kg): 407 kg
Power consumption: 3.0kW or less
Fixing system: Heat Roller Fixing
Paper: Cassette: 64 to 200 g/m ² , Stack bypass: 64 to 200 g/m ²
Input paper capacity: Top Drawer: 1,500 sheets x 2, Cassette: 550 sheets x 2, Stack bypass: 50 sheets
ADF: 100 sheets / A4
Duplex: Standard
Image memory: 10 GB
Options
Finisher K1 • Saddle Finsher K3N (with punching unit) • Document Insertion Unit-B1 • Paper Folding Unit-C1 • Paper Deck-M1 • Card Reader-D1 • N/W Multi-PDL Kit-B1 • Token Ring Network Interface Adapter iN-TR2 • Expansion Bus-A1

Printing Feature

Processor: Canon Custom Processor
RAM: 192MB
PDL: PostScript3 Emulation / PCL 5e, XL
Resolution: 600 x 600dpi, 256 tones (2,400 x 600dpi with smoothing)
Printing Speed: 105 ppm / A4, 43 ppm / A3
Paper Size: up to A3
Duplex Printing: Yes
PostScript fonts: Roman 136
PCL Fonts: Roman 80 & Barcode 32
Hard Disk: 10 GB
Network Connectivity: Ethernet (10/100BaseT), Token Ring (optional)
Network Protocol: TCP/IP (LDP / LPR / Port9100 / IPP / SMB), IPX/SPX (Pserver / NDS / Rprinter / Nprinter), AppleTalk (PAP)
Supported OS: Windows 95/98/NT4.0/2000/ME, Macintosh
Scanning Feature
Interface: Ethernet (10/100BaseT)
Resolution: 150 to 600dpi / 256 tones
Scanning Area: Up to A3
Driver: Network Twain
Saddle Finsher-K3N
Tray Capacity: Tray A: 1000 sheets / A4 (Z-fold 20 sheets)
Tray B: 2000 sheets / A4 (Z-fold 30 sheets)
Staple Position: Top Corner (x 1), Left side (x 2)
Stitching Position: 12mm (+/-3mm) from paper edge, 80mm distance between 2 holes
Stapling Capability: Stapling max.100 sheets, Saddle Stitching max.15 sheets

Canon reserves the right to change specifications without notice.

* All company and/or product names are trademarks and/or registered trademarks of their respective manufacturers in their markets and/or countries.

iR 105



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iR 105

Digital Network
Production System

Handle high quality,
short-run print jobs
in record time



*A complete print-on-demand solution
delivering high quality, short-run jobs*



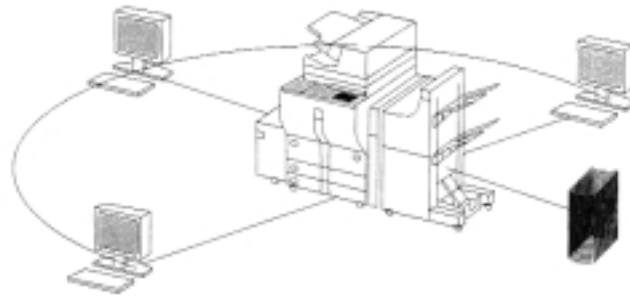
The Canon iR105 system brings unparalleled ease and efficiency to on-demand, black-and-white document management. Designed for short-run jobs and repeat printing, where deadlines are critical, it instantly delivers the print quantity and image quality required. Offering a reduction in time and costs compared to offset printing.

The highly compact and reliable design features an iR controller with Image Platform architecture. A modular structure speeds up copying, printing, scanning and all network operations.

With true multifunctional processing handling data at high speeds to achieve extremely efficient control of document input, editing and output.

No assistance is needed from a dedicated operator to complete jobs, as the system combines a powerful image server with a web-based remote user interface and a range of professional on-line finishing options. To provide complete control from all connected desktops. Offering the ideal solution for central reprographic departments, departmental document centres and also the print-for-pay market.

Handle high quality, short-run print jobs in record time



Superior speed and image quality

To achieve the highest levels of productivity, the iR105 features the world's highest scanning speed technology - inputting documents at 80 ipm and 600 dpi. Output is a rapid 105 ppm (A4) with consistently high image quality equivalent to 1200 x 600 dpi for copying and 2400 x 600 dpi for printing - with up to 256 gradations. While FCOT (First Copy Out Time) has been reduced to 3 seconds.

Continuous output

There's standard automatic trayless duplexing, with no drop in speed, to increase productivity. An innovative 'heat

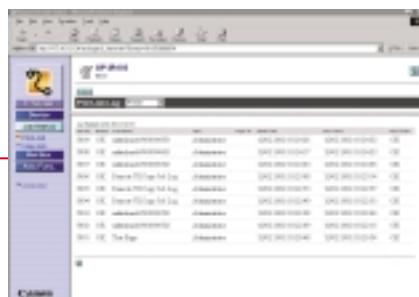
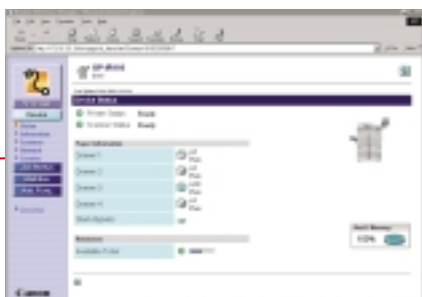
pipe' water cooling mechanism suppresses temperature increases during continuous operation and reduces density variations. Furthermore, tandem printing between two iR105 systems, via a network, raises speed to a highly impressive 210 ppm.

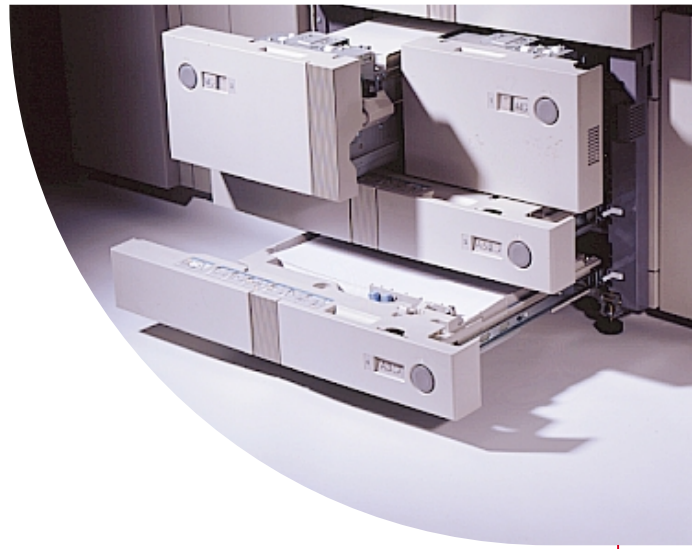
Powerful, productive image server

The iR105 is equipped with a standard 10 GB integrated image server. This provides extensive possibilities for high performance document management and handling, making data exchange within a network easier and more efficient. It also enables copy reservation for up to 5 jobs - with no limit to the amount of images that can be scanned in continuously.

True document integration

Scanned documents and electronic files can be stored in a mailbox and password protected. Different file formats, such as Word documents and PowerPoint presentations, can be stored in the same box alongside scanned documents. They can then be merged, edited and printed out securely whenever required. Up to 100 mailboxes are available, with a maximum capacity of 2,000 documents containing up to 7,700 pages.





Handle high quality, short-run print jobs in record time

Compact ease, complete reliability

A rigid structure and compact, space-saving durable design makes the iR105 highly reliable. A large 7.8 inch colour LCD display with indicators for toner and staple supplies facilitates operation. Easy front operation allows toner and paper to be replenished during operation. Advanced paper transport technology reduces the risk of paper jams. Other advantages include a reliable A-Si drum and e-maintenance functionality.

Remote user interface (RUI)

A web-based remote user interface allows users to control operations directly from their workstations.

This provides easy job administration, with advanced mailbox operation, priority settings and a time-saving status check. Finishing procedures can be freely set. There's full PostScript and PCL support - plus users can create their own printing profiles.

Full system with flexible finishing

Creative finishing options cover all needs. These include a Finisher for 100-sheet stapling and stacking, a Z-folding unit and a Saddle Finisher for professional production of A4 or A5 booklets - with automatic tab sheets insertion plus a tab sheet printing facility. The Saddle Finisher comes in two versions, with 2 or 4-hole punching for filing purposes. A document insertion unit and trimmer unit are also available.

Complete production circle

Of course, these expert finishing options can be set directly from the desktop, via the RUI. The iR105 system also features a high capacity paper supply of 7,650-sheets (4,150 sheets standard plus a 3,500-sheet optional paper deck). Thus completing the full production circle - to provide an integral print-on-demand system for a broad range of applications.

