

Canon

**TOP
OFFICE**
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Imaging across networks

iR8500

DIGITAL NETWORK
PRODUCTION SYSTEM

Highly productive 85 ppm output
Complete print-on-demand system



Productive 85 ppm output (A4) ●

Automatic stackless duplexing ●

10 GB integrated Image Server ●

100 high capacity mailboxes ●

Compact and durable design ●

100 sheet stapler ●

Large 7,650-sheet paper supply* ●

Professional finishing options ●

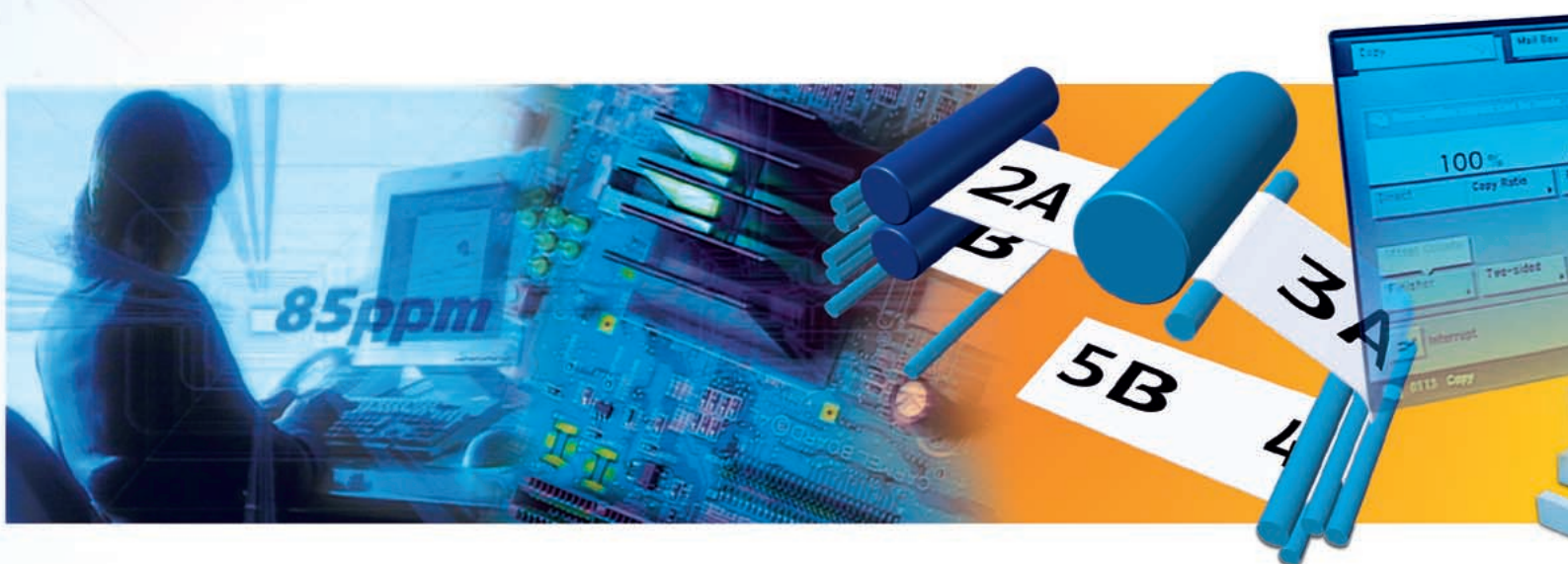
* with paper deck accessory

Superior speed and image quality

To achieve the highest levels of productivity, the iR8500 features the world's highest scanning speed technology - inputting documents at 80 ipm and 600 dpi. Output is a rapid 85 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

Automatic stackless duplexing maintains productivity at the rated engine speed. An innovative 'heat pipe' water cooling mechanism suppresses increases in temperature during continuous operation and reduces density variations.



Powerful, productive image server

The iR8500 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 virtually no limit to the amount of images that can be scanned in continuously.

True document integration

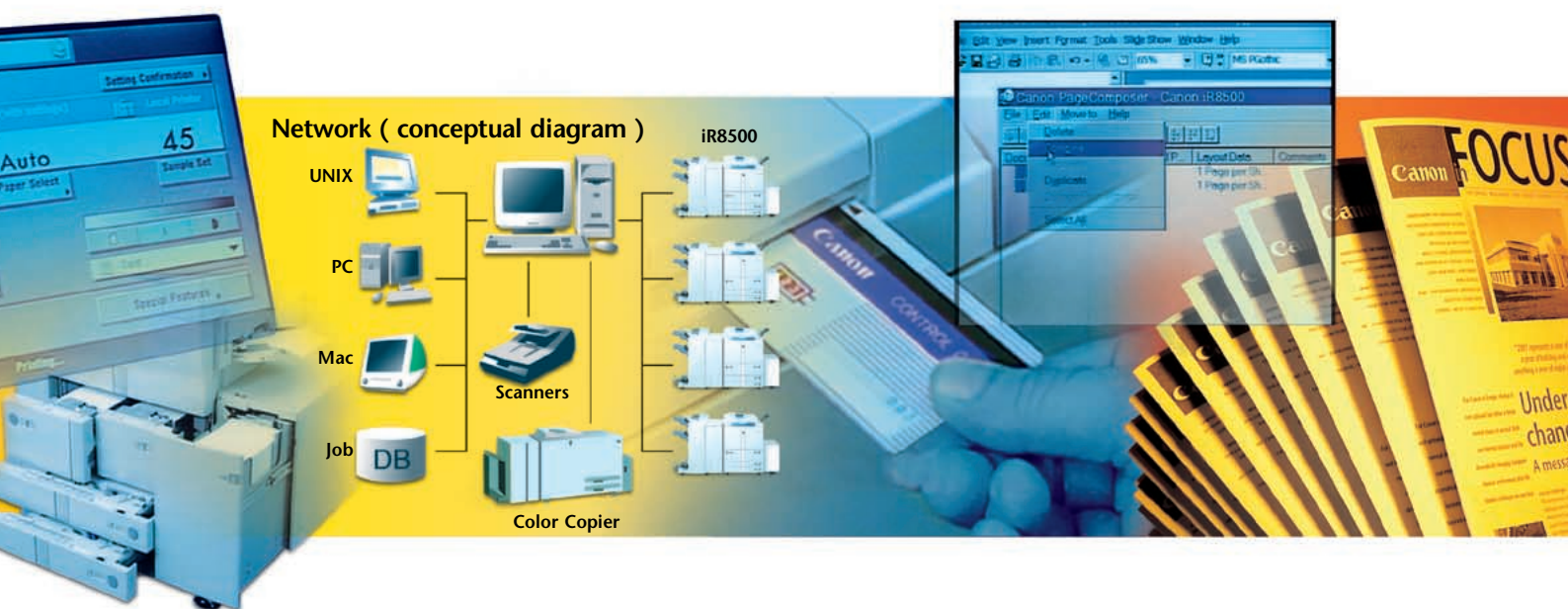
Scanned documents and electronic files can be stored in a mailbox and password protected. Different file formats, such as Word documents and PowerPoint presentations, can be stored in the same box alongside scanned documents. They can then be merged and printed out securely whenever required. Up to 100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

Compact design, complete reliability

A rigid structure and compact, durable design makes the iR8500 highly reliable. A large 7.8 inch colour LCD display with indicators for toner and staple supplies facilitates operation. Easy front access allows toner and paper to be replenished during operation. Advanced paper flow technology reduces the risk of paper jams. Other advantages include a durable and reliable A-Si drum.

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. The iR8500 printer driver offers full PostScript (emulation) and PCL support whilst enabling users to create their own printing profiles.



Flexible finishing

The iR8500 features creative finishing options to satisfy 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. The saddle finisher comes in two versions; either with a 2 or 4-hole punching for filing purposes. Additionally, a document insertion unit offers advanced finishing functionality.

Of course, these expert finishing options can be set directly from the desktop, via the driver. The iR8500 system also features a high capacity paper supply of 7,650-sheets (4,150 sheets standard plus a 3,500-sheet optional paper deck). An added feature of the iR8500 is automatic tab sheet insertion, available as standard.

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

The Canon iR8500 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, therefore reducing time and costs compared to offset printing.

The compact and highly reliable design of the iR8500 features an iR controller with image platform architecture. A modular structure speeds up copying, printing, scanning and all network operations. With true multifunctional processing this solution can handle 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. The iR8500 is the ideal solution for central reprographic departments, departmental document centres and also the graphic industries.



iR8500 Specifications

Type:	Console type
Copying system:	Twin Beam Laser dry electrostatic transfer system
Platen:	Fixed
Acceptable originals:	Paper sheet, books and three dimensional objects up to 2 kg
Maximum original size:	A3
Copy sizes:	Cassette: A5R to A3, Manual: A6 to A3
Scanning resolution:	600 x 600dpi / 256 levels
Printing resolution:	Copy: 1200 x 600dpi, Print: 2400x 600dpi
Zoom:	25% - 400% (1% increments)
Speed:	85 ppm / A4, 43 ppm / A3
First copy time:	DADF Feeding: 4.3 seconds or less, Platen glass: 3.0 seconds or less
Warm-up time:	6 minutes or less
Multiple copies:	1 - 999
Dimensions (W x D x H):	764 x 795 x 1138 mm
Weight (kg):	280 kg
Power consumption:	2.7kW 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: 1500 sheets x 2, Cassette: 550 sheets x 2, Stack bypass: 50 sheets ADF: 100 sheets / A4 / A3
Duplex:	Standard
Image memory:	10 GB

Options

- Finisher K1 • Saddle Finisher K3 (with punching unit) / K4 • 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, PCL6
Resolution:	600 x 600dpi, 256 tones (2,400 x 600dpi with smoothing)
Printing Speed:	85 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:	10GB
Network Connectivity:	Ethernet (10/100BaseT), Token Ring (optional)
Network Protocol:	TCP/IP (LDP / LPR / Port 9100 / IPP / SMB), IPX/SPX (Pserver / NDS / Rprinter / Nprinter), AppleTalk (PAP)
Supported OS:	Windows® 95 /98 / NT4.0 / 2000 / ME, Macintosh, Unix (LPR / LPO)



Scanning Feature:

Interface:	Ethernet (10/100BaseT)
Resolution:	150 to 600 dpi / 256 levels
Scanning Area:	Up to A3
Driver:	Network Twain

Saddle Finisher-K3 (2 hole punching)

Tray Capacity:	Tray A: 1000 sheets / A4 (Z-fold 20 sheets) Tray B: 2000 sheets / A4 (Z-fold 30 sheets)
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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

Saddle Finisher-K4 (4 hole punching)

Tray Capacity:	Tray A: 1000 sheets / A4 (Z-fold 20 sheets) Tray B: 2000 sheets / A4 (Z-fold 30 sheets)
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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

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