

you can
Canon

iR105+
Digital Network
Production System
(MEAP enabled)

Handle high quality, production
print jobs in record time



Handle high quality, production 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 for demanding production environments.

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 in-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.

Embedded within the iR 105+ is MEAP, a new Canon developed JAVA based application software platform. MEAP enables additional application functionality to be added to the device at a later stage, ensuring products are completely future proofed. Additionally, it allows customised software applications to be developed to suit bespoke customer requirements.

Superior speed and image quality

To achieve the highest levels of productivity, the iR105+ features market leading 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, 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 20 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.

The Canon iR105+ system brings unparalleled ease and efficiency to on-demand, black and-white document management.

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, a Saddle Finisher for professional production of A4 or A5 booklets - with automatic tab sheets insertion plus a tab sheet printing facility, or a 3,000 sheet stacker. 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.

Compact ease, complete reliability

A rigid structure and compact, spacesaving durable design makes the iR105+ highly reliable. A large 20 cm 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.

Complete production circle

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.

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

Create high quality documents at the touch of a button



Chapter dividers



Booklet



Staple



Letterheads



Duplex



Group & Collate

Specifications iR 105+

| | |
|---|---|
| MAIN UNIT Imaging System Developing System Fixing System Print Speed Resolution Halftones Image Server Memory Warm-up Time Duplex | Laser Dry Electrostatic Transfer Dry monocomponent toner projection Heat Roller 105 ppm (A4) 50 ppm (A3) 600 x 600 dpi Copy: 1,200 x 600 dpi Print: 2,400 x 600 dpi interpolated 256 Graduations of Gray 20GB (HDD) 6 mins or less Standard Automatic Trayless duplexing |
| PAPER SUPPLY AND CAPACITY Document Sizes Paper Weights Input Paper Capacity Optional Paper Deck | A5R - A3 (From Cassette) 64 to 200 gsm (all paper sources) Top Drawer 1,500 sheets x 2 Cassette 550 sheets x 2 Stack Bypass 50 sheets 3,500 sheets (7,650 Total) |
| MAIN UNIT DIMENSIONS Height Width Depth Weight Power Supply Power Consumption | 1,395 mm 1,035 mm 795 mm approx. 280kg (407kg incl. Finisher K3N) 220-240V / 50Hz Within 3.0kW |
| PAPER DECK - N1 (OPTIONAL) Capacity Paper Sizes | 3,500 sheets (80gsm) A4 |
| PAPER DECK - S1 (OPTIONAL) Capacity Paper Sizes | 3,500 sheets (80 gsm) A3, A4, A4R |
| FINISHER - K1N (OPTIONAL) Number of Trays Tray Capacity Staple Positions Staple Capacity | 2 Upper : 1,000 sheets (A4) Lower : 2,000 sheets (A4) 1 - Any corner 2 - side margin 100 sheets (A4) 50 sheets (A3) |

| | |
|---|--|
| CONTROLLERS NETWORK MULTI-PDL PRINTER KIT - F1 Processor Memory Hard Drive PDL Printing Support Interface Connection Protocols Supported Network OS | 64 bit RISC Chip 333 MHz 512 MB 20 GB PCL 5e, PCL 6, Postscript 3 emulation PDF, TIFF, JPEG, AS400*, SAP R3* RJ-45 (10/100 Ethernet), IEEE 1284 IPX/SPX, TCP/IP, SMB, Apple Talk Windows 9x/ME/2000/XP/Server 2003/NT 4.0, Novell Netware v.3.2 or later, Solaris 1.x / 2.x or later, Apple System 7.5 or higher |
| * Please ask your local Canon contact or dealer for further details | |

| | |
|--|--|
| SADDLE FINISHERS - K3N OR K4N (OPTIONAL) Number of Trays Tray Capacity Staple Positions Saddle Stitch Paper Size Saddle Staple Capacity Hole Punch Folding | 3 Upper: 1,000 sheets (A4) Lower: 2,000 sheets (A4) Saddle Stitch tray: 30 sets 1 - Any corner 2 - side margin A3, A4R 15 sheets (60 pages) K3N: 2 holes K4N: 4 holes V folding standard |
| BOOKLET TRIMMER - A1* (OPTIONAL) Paper Sizes Paper Weights Stacking Capacity | A3, A4R 64 - 200 gsm 2,000 sheets |
| STACKER - A1 (OPTIONAL) Stacking Method Capacity Paper Weight | 2 tray descending (stacking / offset stacking) 1,500 sheets (A4) 750 sheets (A3) per tray 64 - 200 gsm |
| PAPER FOLDING UNIT - C1* (OPTIONAL) Fold Type Paper Size and Weight | Z fold A3; 64 - 80 gsm |
| DOCUMENT INSERTER - B1* (OPTIONAL) Paper Sizes Paper Weight | A3, A4, A4R 64 to 200 gsm |
| * The document Insertion Unit-B1, the Paper Folding Unit-C1, and the Booklet Trimmer-A1 can only be used with the Saddle Finisher - K3N or K4N ** All company and/or product names are trademarks and/or registered trademarks of their respective manufacturers in their markets and/or countries. Canon reserves the right to change specifications without notice. | |
| Some images are simulated for clarity of reproduction. All data is based on Canon's standard testing methods. This leaflet and the specifications of the product have been developed prior to the date of product launch. Final specifications are subject to change without notice.™ and ®All company and/or product names are trademarks and/or registered trademarks of their respective manufacturers in their markets and/or countries. | |

| | |
|---|--|
| NETWORK MULTI-PDL PRINTER KIT - M3 Processor Memory Hard Drive PDL Printing Support Interface Connection Protocols Supported Network OS | Intel Celeron 2.5 GHz 256 MB 40 GB PCL 5e, PCL 6 Adobe Postscript 3 PDF, TIFF, JPEG, EPS 10/100/1,000 Ethernet, IEEE 1284 IPX/SPX, TCP/IP, SMB, Apple Talk Windows 98/ME/2000/XP/Server 2003/NT 4.0 Novell Netware v. 4.2, 5.1, or 6 Mac OS 9.2 or under, Mac OS X and Unix (LPR Printing) |
|---|--|

you can
Canon

Canon Inc.
www.canon.com

Canon Europa N.V.
www.canon-europe.com

English Edition 0050W674
© Canon Europa N.V., 2005 (0205)



www.bsdp.canon-europa.com

