you can

Canon

iR 3100C

Multi Functional Printer

The latest thing in
black and white – smart colour capability

The intelligent new black
and white Multi Functional
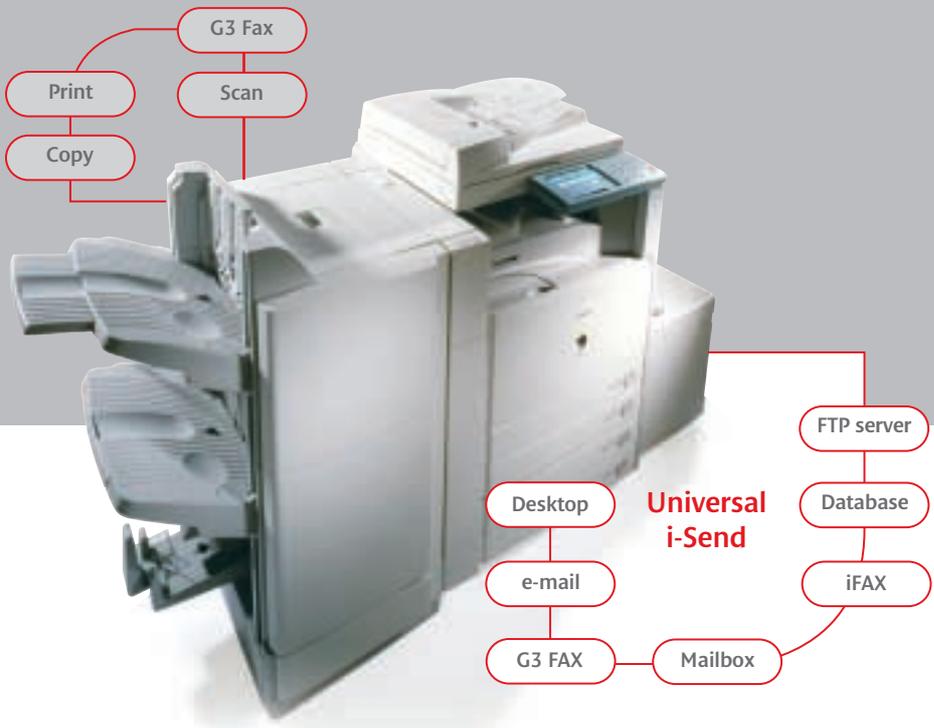Printer that offers smart
use of colour.

With the iR 3100C, you can communicate clearly, share information effectively, scan and send electronically and enjoy the smart use of colour with your black and white.

iR 3100C - Everything your business needs in black and white. And more.

iR 3100C - Canon's black and white innovation that makes smart business sense and offers smart use of colour.

G3 Fax

Print

Scan

Copy

Network Ready
Choose the version that suits your needs. The iR3100C is available in two versions. The iR3100CN comes fully network ready with a built in PS/PCL/UFR printer board, for people who want more colour control. The iR3100C is available with an EFI Indus printer board, for true PostScript giving greater colour control.

FTP server

Desktop

Universal i-Send

Database

e-mail

iFAX

G3 FAX

Mailbox

Universal i-send
Turns the copier into a communications hub

LDAP
Device hosted network address book

The new iR 3100C Multi Functional Printer (MFP) adds something very special to the black and white office environment. As a space saving printer, copier, scanner and fax*, it offers you easy creation, improved productivity and fast distribution of electronic or paper documents. As an intelligent digital device, it can improve your network communications, give documents a professional finish and help you save money through cost control. As well as that, it offers something that no Canon black and white device of its kind has offered you before. Affordable use of colour.

Better business efficiency

Canon's industry leading technology enables one device to do the work of many. Our world class range of Multi Functional Printers combine all the key document processing functions in one, making it easy and cost effective to manage and distribute information across your network and beyond. Not just by scanning, printing, copying and faxing but also by **sending and receiving through Universal i–Send***. Add to this the ability to create fully finished documents ready for business use (with three optional finishers) and you have the ultimate in black and white information processing with the added benefit of colour.

Scanning and sending colour documents

Once connected to your network, the iR 3100C is an intelligent device. Which means you can send black and white and colour documents to many destinations in a single operation. Once scanned in, they can be distributed to wherever they are needed – individual e-mail addresses, a specific database or to a file server for storage. So you eliminate the time, space and costs usually associated with distributing hard copy documents. With **Canon's unique colour scan file compression**, you can be sure that even large colour files won't congest your network (a colour file of 300dpi can be compressed to a tenth of its original size).

Brilliant results

The iR 3100C combines Canon's outstanding black and white technology with the added value of colour. **For an amazingly cost effective budget, you can brighten up your business documents when and where you need to.** Just configure the versatile iR 3100C to suit your business needs and finishing requirements. Then use its intelligence to enhance your business processes the easy way.

*Optional

iR 3100C - setting the fashion in office machines with a colourful way of doing business in black and white.

Affordable colour that puts you in control.

Moving from black and white to colour can be a big financial step. That's why Canon have made it smaller by bringing colour to black and white. Just as people can tell the difference between the two, so can the iR 3100C. Which means you only pay for colour when you use colour and you decide who can use it and how often. This is not forgetting all the features and functions that you're used to in black and white which are still available to you.

Control colour easily

Canon's ID management technology offers excellent control. You can set colour and volume quantity limits for all the different users via their individual passwords and stop the unauthorised usage that could result in high costs. Unusually for a MFP with colour capability, **the iR 3100C defaults to black and white unless colour is selected, to avoid colour printing charges when you don't need them.** Using further software such as Canon Netspot Accountant and Document Accounting Solutions, you can attribute client costs more easily and manage your budget with perfect peace of mind.

High quality and low cost

Use the compact built-in scanner to capture colour images. Send them quickly and easily as compressed files without slowing your network. Then run them out in their original high quality as colour pages or sections in your documents. **Canon's new spherical S toner with oil-less fixing, gives you the perfect matt finish, ideal for your business documents.** Add a print resolution equivalent to 2400 x 600dpi, and you can see how the iR 3100C delivers the colour output you always wanted with the budget control you never expected.

Use colour effectively

* Research has shown that colour focuses attention, improves readability and increases the retention of information. It makes an impression that is 39% more memorable, increases brand identification by 70% and reduces errors by 80%. Perhaps most importantly of all, colour on an invoice makes the recipient 30% more likely to pay! With smart use of colour, the iR 3100C can make a big difference to the impact you have in the colourful world of business.

Whatever your business, adding a little colour can make a lot of difference.

Sales teams can produce high impact proposals and price lists that make purchase more likely.
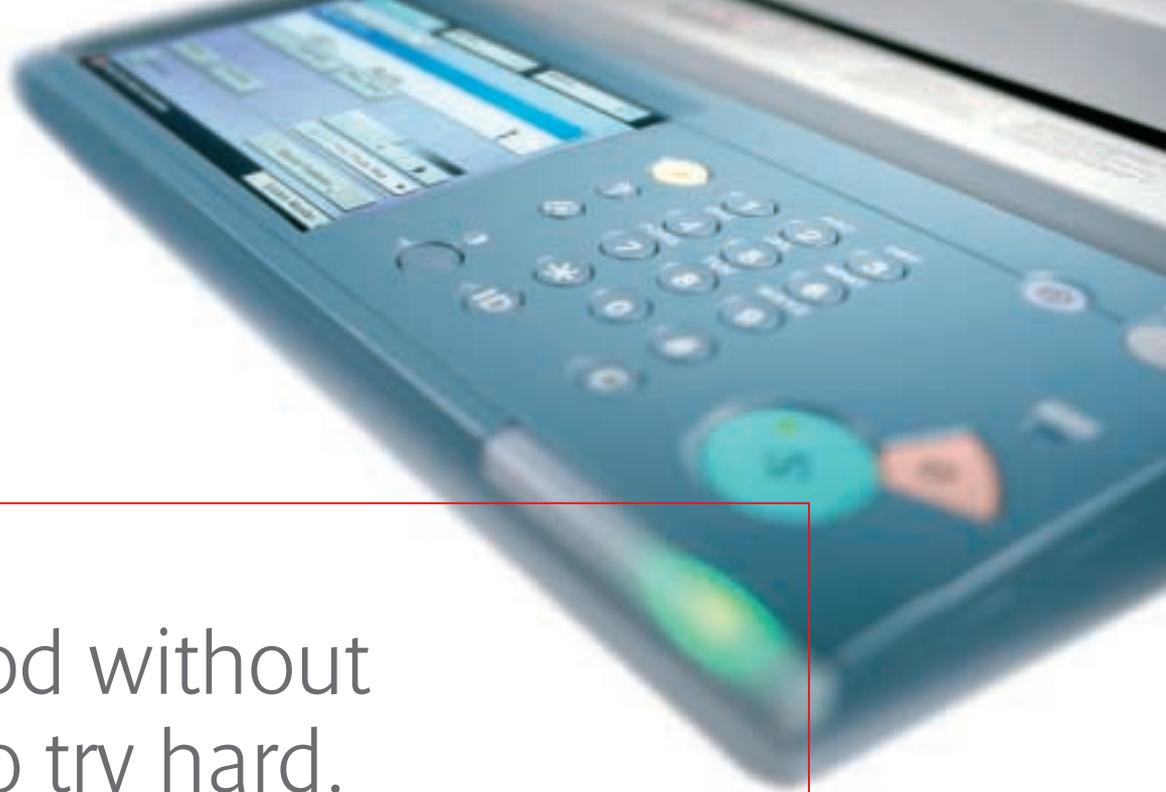
Human Resources people can produce high quality information that make staff feel more valued.

Accounts departments get better results when invoice totals and pay-by dates are highlighted in colour.

There's a smart colour application for almost every commercial situation.

*(Source) Case and Company Management Consultants, Maritz Motivation Inc. and The Bureau of Advertising

iR 3100C - the simple but very effective way of using black and white with the smart use of colour to look good in business.

Look good without having to try hard.

Canon specialises in bringing you the very best in office technology without making it complicated to use. While the iR 3100C offers technical advances never available before on a multifunctional black and white printer. Users and IT Managers will welcome the simplicity it brings to information-based business processes.

Intelligent use of technology
Initiate, preview, and monitor jobs easily using Canon's familiar control panel.

Smart use of colour
Now you can think more imaginatively when producing business documents.

Easy to use

The large, familiar colour control panel makes functions and adjustments as easy as the touch of a button. Clear menus give simple choices for copying, printing, scanning, sending and more complex editing or manipulation features.
The clean toner bottle is easy to change without wasting time or getting hands dirty. Paper jams are minimised by the new design, which dramatically shortens the paper route. If they do occur, everything can be accessed from one side, enabling the machine to fit conveniently into a corner.

Manage it all from the desktop

Users can access the iR 3100C direct from their workstations – via the remote user interface (RUI) with its web browser – to check on the machine status and change the settings. Users can also access protected personal mailboxes enabling them to share, modify and distribute working documents securely. **To save time and reduce keying errors, all company e-mail addresses can be automatically accessed from the server** by using the LDAP (Lightweight Directory Access Protocol) feature.

Do business productively

The iR 3100C gives you more options than you ever imagined in black and white. **Create high quality documents mixing colour and black & white without needing to outsource them.** Do it swiftly at 31ppm (prints per minute) in black & white and 7ppm in colour (A4-single sided), with double siding as standard. Do it without interruption, using the optional paper decks that give you up to 4,750 sheets of continuous output and a variety of media sizes and weights. You can do it efficiently too, with three way paper output giving you even greater flexibility.

Why struggle to put together complex documents to beat tight deadlines? **With Canon's new intelligent iW Publishing Manager software, you can bring documents together from different Windows-based applications** electronically as a single iWPM

document. From this electronic 'master' you can not only edit, amend and personalise but also finish and print it. Amazing document output with reduced physical human input!

iR 3100C - the perfect way to make your black and white documents stand out with smart use of colour.

1	**DADF-L1** (Platen cover optional)
2	**Saddle Finisher Q2** (Finisher Q1 available)
3	**Buffer Pass Unit** (inner 2 way tray or internal finisher optional)
4	**Paper Deck**
5	**Puncher Unit**
6	**Cassette Feeding Unit**

Set a new trend for business presentation.

Print in any network environment

Canon devices are fluent in many print languages. As well as supporting standard PCL and PostScript printing, the iR 3100C utilises the new UFR language, unique to Canon. **UFR significantly speeds up printing in Windows applications by sharing the processing load between the computer and the print device.** Being a Canon MFP with smart colour capability, the iR 3100C is also the only device of its kind to offer the unrivalled speed and quality of an Adobe® Postscript Printer Unit Option.

Configure and control easily

For setting up and configuring, the iR 3100C is an IT Manager's dream. It can be assembled in a form that suits your system seamlessly. It comes in two versions - the iR 3100CN comes network ready - with its own built-in print controller or the iR 3100C is available with the EFI Indus print controller.

To help manage the print workflow throughout your business, Canon has continued to enhance its printing and job management software. These practical utilities work independently or together to help users capture, manage and distribute information faster, easier and better than ever before.

In a LAN environment Canon Network Device Utilities can be used to set-up, configure, manage and control Canon devices. These utilities enable close monitoring and control of multiple or independent Canon MFP's, enabling print and job management for both SME and Corporate business environments.

The utilities for the iR 3100C are:

▌ NetSpot Device Installer

▌ NetSpot Console

▌ NetSpot Job Monitor

▌ NetSpot Resource Downloader

▌ Remote User Interface

Brilliant black and white combined with smart use of colour can really boost your business image. You can make a better impression on customers with more striking proposals, price lists, tenders, reports and invoices. You can motivate staff with powerful internal documents, reports and presentations. With the iR 3100C you can do it all in-house at high speed and low cost.

Default Black & White

The iR 3100C defaults to black and white unless colour is selected, to avoid colour printing charges when you don't need them.

Cost Effective

Create high quality documents mixing colour and black & white without needing to outsource them.

Finish documents professionally

The first ever black and white, smart colour capable MFP with internal finisher, the iR 3100C has everything it takes to complete the job in style. In addition to automatic collating, hole punching and stapling, you can select from an impressive range of finishes including saddle stitched booklet making.
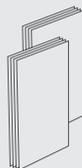
Using Canon's cutting edge iW Publishing Manager (iWPM) software, whatever the size of your organisation / department, you can also create professional documents by merging the component parts from different sources, (for example, Microsoft™ Excel, Microsoft™ PowerPoint, etc), without having to collate them separately – saving huge amounts of time.

Finishing the job

Automatic collating, stapling and hole punching can be selected from an impressive range of finishes including saddle stitched booklets.

Staple   Group & Collate   Create Booklet   Hole punch

Document Accounting Solutions

Do you know how much of your expenditure can be retrieved from clients? Do you know who to charge and how much? Are some of your print resources idle while others are too busy? Are your departments able to charge each other efficiently? Can your print budgets be controlled and resources managed from one central source of information? These are just some of the issues that Canon Documenting Accounting Solutions can help you resolve successfully. Why not let Canon assist you in improving your bottom line?.

iR 3100C - a smart and very suitable solution for anyone looking to improve the way they work and make their budgets go further.

Why pay for everybody else to print at your expense when the iR 3100C can make it easy to charge clients accurately for their output?

Using Canon Intelligence to help your business.

At Canon, we don't see our MFP's as machines. Like all our other office technology, we see the iR 3100C as a means of helping companies to streamline their business processes, saving time and money in key operational areas. As a key business tool, we also appreciate its importance to your business and endeavour to do all we can to protect it through the best service support in our business.*

*(subject to a service agreement).

Accounting efficiently

As well as being designed for economy, the iR 3100C is built with features that help to save costs through Canon Document Accounting Solutions†.
By using intelligent software, the iR 3100C can help you charge output more accurately to specific clients. Which means that what used to be a cost to you can be charged to clients and transformed into a revenue stream. It also helps you to monitor and manage your costs, facilitating budget processes.

Maximising uptime

As always with Canon, expert support is never far away. Our dedicated networks of highly qualified technical personnel have an unrivalled reputation for maximising workflow and minimising downtime. As well as on-site support, you also have the option of e–Maintenance which is a proactive service tool which maximises uptime and to allow your company to have greater control of its assets. (Detects the machine fault automatically, alerting the service centre to send an engineer etc).
(Please check availability of this option with your local Canon supplier)

Removing complexity

Having staff confused by technology can be time consuming and costly. The iR 3100C is designed for people to realise its potential without having to be IT experts. With existing internet and network capabilities, users should be able to accomplish the most complex tasks with ease. To help you make the most of your investment we have dedicated experts who offer training on the device or any of the software.

†Optional

iR 3100C Specifications

Type	MFP
Maximum Original Size	A3
Copy Sizes	
Cassette	A5R - A3
Stack Bypass	A5R- SRA3 (320x457 mm)
Resolution	
Scanning	600dpi x 600dpi
Copying	600dpi x 600dpi
Printing	2400dpi equivalent x 600dpi
	256 Gradations
Copy/Print Speed	
A4	31 ppm B&W
	7 ppm full colour
A3	16 ppm B&W
	3.5 ppm full colour
First Copy Time	
Black and White	8 sec
Full Colour	23.9sec
Warm-Up Time	6 minutes
Multiple Copies/Prints	1 to 999 sheets
Duplexing	Standard automatic stackless
Paper Weight	
Cassette	64 to 163g/m²
Stack Bypass	64 to 163g/m²
Cassette	Universal: A5R to A3, 305x457mm
Paper Capacity	
Standard	550 sheets x2 cassettes (1100 sheets)
	Multi Stack Bypass: 50 sheets (80g/m²)
Optional	550 sheets x2 cassettes (1100 sheets)
Paper Deck	2500 sheets
Total paper capacity	4,750 sheets
CPU	Canon Custom Processor, 250MHz x 2
Memory	
iR3100C	512MB to 768MB (Recommended)
iR3100CN	768MB
Hard Disk Drive	40GB
Interface	Ethernet (100Base-TX/10Base-T)
Power Supply	230V/6A/50Hz
Power Consumption(W)	1.2 kW maximum
Energy consumption	225 Wh/h
Dimensions (WxDxH)	565x755x754 mm
Weight	86.2kg

Colour Network Multi-PDL Printer Kit-B1 (iR 3100CN)

PDL	PCL5c, PostScript3 Emulation and UFR
Resolution	2400 equivalent x 600dpi
Memory	768MB (Uses Main unit RAM)
Hard Disk	40GB (Uses Main unit HDD)
CPU	Canon Custom Processor 250 MHz x 2
	(Uses Main Unit CPU)
PS Fonts	Roman136
PCL Fonts	Roman80, Bitmap1, Barcode30, OCR2
Supported Operating Systems:	
PCL	Windows® 95/98/ME/NT4.0/2000/XP/2003
PS	Windows® 95/98/ME/NT4.0/2000/XP/2003, Mac OSX 10.2 or later
UFR	Windows® 98/ME/NT4.0/2000/XP/2003
Mac-PPD	Mac OS8 or later
Interface	Ethernet(100Base-TX/10Base-T), TokenRing(Optional), USB(Optional)
Network Protocol	TCP/IP(LPD/Port9100/IPP/SMB), IPX/SPX(NDS,Bindery,NDPS-GW), AppleTalk
Pull Scan	Network TWAIN Driver (75 to 600dpi 24bit color /8bit grayscale / Black & white)

Colour Network Printer Unit-E1 (iR 3100C-EFI Indus)

PDL	Adobe PostScript 3, PCL 5c
Resolution	2400 equivalent x 600dpi
Memory	128MB to 256MB(Advisable)
Hard Disk	20GB
CPU	Intel Mobile PentiumIII 850MHz
PS Fonts	Roman138
PCL Fonts	Roman78(including Barcode Fonts)
Supported OS	
PS	Windows 98/ME/NT4.0/2000/XP/2003, Mac OS9.0/X
PCL	Windows 95/98/ME/NT4.0/2000/XP/2003
Interface	IEEE1284, Ethernet(100Base-TX,10Base-T)
Network Protocol	TCP/IP(LPD/FTP/Port9100/IPP/SMB/email), IPX/SPX(NDS,Bindery,NDPS-GW), AppleTalk

Colour Universal Send Kit-B1

Scan Speed	44 ipm: A4 300dpi with DADF
Scan Resolution	100dpi, 150dpi, 200x100dpi, 200dpi, 200x400dpi, 300dpi, 400dpi, 600dpi
Destinations	E-Mail/Internet FAX(SMTP), PC(SMB,FTP,NCP), iWDM
Address book	LDAP, Local(Max.1800)
File Format	
Single	TIFF,PDF
Multi	TIFF,JPEG,PDF

DADF-L1

Paper size	A3-A5R
Paper weight	
Single sided original	42 to 128 g/m²
Double sided original	50 to 128 g/m²
Max. Number of original	50 sheets (80 g/m²)
Document Scanning speed	max. 28 ipm (A4), (Colour/B&W)
Dimensions (WxDxH)	565 x 538 x 122 mm
Weight	Approx.8.5 kg

Cassette Feeding Unit-Y1

Type	2 Front-loading adjustable drawers
Paper Weight	64 to 163 g/m²
Paper Capacity	550 sheets(80 g/m²) x 2 cassettes
Dimensions (W x D x H)	565 x 700 x 251.5 mm
Weight	Approx. 23 kg

Paper Deck-Q1 (must be ordered with Cassette Feeding- Y1)

Paper Size	A4
Paper Weight	64 to 105 g/m²
Paper Capacity	2,500 sheets (80 g/m²)
Dimensions (W x D x H)	372 x 591 x 473 mm
Weight	Approx.29.6 kg

Finisher-P1

Number of trays	One stack tray (Inner)
Tray capacity	
A4-A5R	500 sheets
A3	250 sheets
Staple position	Corner, Double
Staple capacity	
A4	50 sheets
A3	30 sheets
Weight	Approx.11.5 kg

Finisher-Q1/Saddle Finisher-Q2

Number of trays	2 tray (+ optional tray)
Tray capacity	
A4-A5R	1,000 sheets
A3	500 sheets
Staple position	Corner, Double, Saddle Stitch (Q2 only)
Staple capacity	
A4	50 sheets
A3	30 sheets
Saddle Stitch Specifications (Saddle Finisher-Q2 only)	
Paper size	A3, A4R
Staple capacity	Colour material: 1 to 10 sheets(40pages)
	B&W material: 1 to 15 sheets (60pages)
Paper weight	64 to 163 g/m²
Dimensions	
Q1	536 x 657 x 1036 (mm)
Q2	648 x 657 x 1036 (mm)
Weight	
Q1	39.6 kg
Q2	67.6 kg

Other Accessories

Platen Cover-H1 • Inner 2-way Tray-C1 • Buffer Pass-C1 • Copy Tray-J1 • Puncher Unit-L1/N1 • Plain Pedestal • FL Cassette-Y1/Z1 • Key Swich Unit-A1 • Document Tray-J1 • Staple Cartridge-J1/D3 • Stamp Inc Cartridge-B1 • Card Reader C1 • Card Reader Kit-B1 • Colour iR256MB Expansion RAM-A2 • Colour Network Printer Kit-E1-EFI-Indus • Super G3 FAX Board-N1 • Resolution Switching Board-A2 • USB Interface Board-A3 • iR Security Kit A1P • Token Ring Adapter iN-TR2 • Additional Finisher Tray-A1

Ozone less environment Frame and parts use chromium free steel plates and screws.

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