iP100
COMPACT INKJET PRINTER

Canon

Delighting You Always

Business Printing & Photo Perfection
WHEREVER YOU GO!

iP100

Canon

ϡ PIXMA

PHOTO-LAB QUALITY – YOU CAN TAKE IT WITH YOU!

Everything about the extremely mobile PIXMA iP100 expresses quality. From 9600dpi resolution to 1pl ink droplets; from an ingenious ink system to printing professional documents fast; from a great-looking design to the convenience of wireless printing. It's all about quality – and taking it with you wherever you go!

LIVING ROOM

CAR

OUTDOOR

OFFICE

STUDY

Canon

iP100
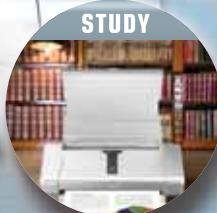
QUALITY		SPEED		CONNECTIVITY		
Ink-droplet Size **1pl**(min.)	5-Colour Ink System	Borderless Lab-Quality Photo **4x6"** **50sec.****	Document Printing **20ppm** mono **14ppm** colour	Bluetooth (Optional)	IrDA IR Connection	PictBridge
Resolution **9600dpi*** (max.)						

* Ink droplets can be placed with a pitch of 1/9600 inch at minimum.

** Based on default mode driver setting using Canon Photo Paper Plus Glossy II paper. Print speed may vary depending on system configuration, interface, software, document complexity, print mode, page coverage and type of paper used.

A New Ink System Takes Photo Quality Even Further

The PIXMA iP100 features an advanced **five-colour Ink System**. It combines pigment-based black ink with four dye-based inks: cyan, magenta, yellow and photo black. The result is even greater **contrast** for more **natural**, more **expressive** photos.

Photo Perfection Anywhere

FINE
Full-photolithography Inkjet
Nozzle Engineering

In your car, at the conference, in a hotel room or on the golf course – you can print brilliant, lab-quality photos virtually anywhere! The legendary **FINE™ print head** produces microscopic **1pl (min.) ink droplets** and **9600dpi (max.)** resolution. And it's fast: a beautiful **4x6"** borderless photo is ready in just **50 seconds**.

PIXMA iP100 | **Competitor**
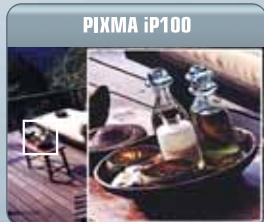
Print Documents Quickly

When you're on the go, every second is precious. The PIXMA iP100 prints **beautiful**, **monochrome** documents at a speedy **20ppm** and **colour** documents at an impressive **14ppm**.

Auto Image Fix – Perfection From Portraits To Landscapes*

This amazing technology actually recognizes the type of photo taken – a portrait, scenery, etc. – then automatically corrects any problems with **colour intensity**, **tone** and **brightness**. The result is a naturally perfect photo every time.

Without Auto Image Fix

With Auto Image Fix

The girl's face is underexposed

Automatically detects skin colour and corrects it by making it brighter and optimising face tone

Without Auto Image Fix

With Auto Image Fix

Colours are dull due to bright sunlight

Blue sky and green trees are reproduced in more vivid colours

* In Easy-PhotoPrint EX

Mobility Never Looked So Good

The sleek styling of the PIXMA iP100 makes it ideal for an on-the-go lifestyle. **Compact** and **lightweight**, it requires minimal desk space, thanks to an incredibly small footprint. This streamlined beauty is almost certain to turn heads wherever you go!
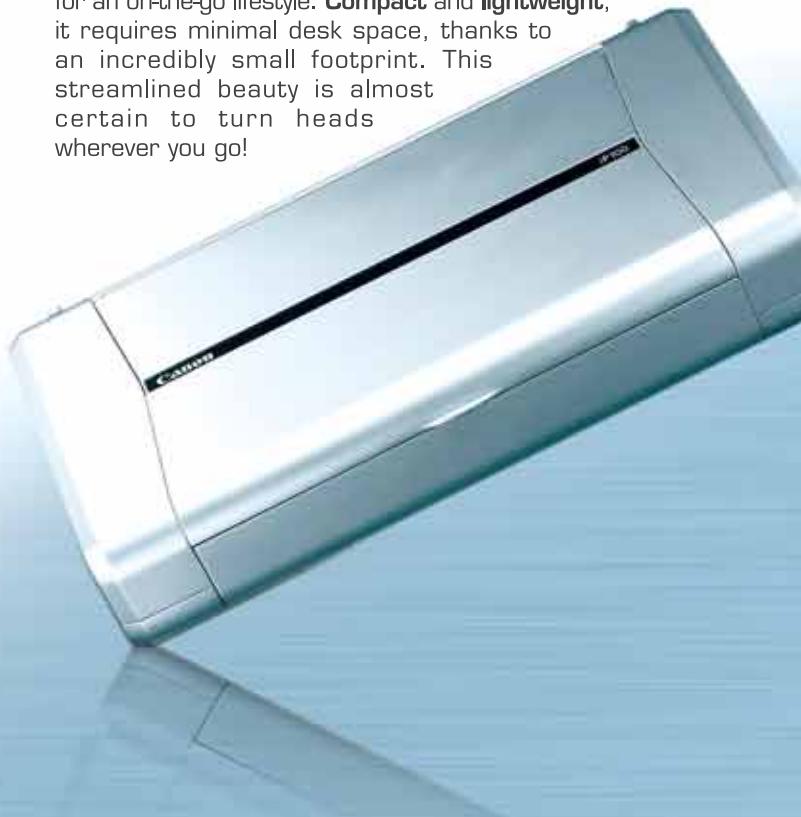
Pigment-Black Ink & The Hybrid Ink System – The Best Text & Images

Pigment-black ink produces **sharp**, **dark text** on virtually any type of paper. Moreover, text won't smear or bleed when a highlight marker is applied. When printing text over images, the **Hybrid Ink System** combines pigment-black with colour-dye inks for **crisp black text** and **lines** and for natural colour gradations.

Photo	Text

Over 150,000 (
scenic views, a
contains public
other data cove

Dye ink for smooth, natural photos   Pigment black ink for sharp, crisp text
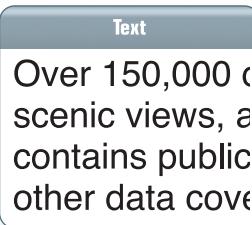
## Make Your Black Ink Last Longer / Composite Black Ink System

The **"Save Black Ink"** function reduces the amount of black ink used, so you have it when you need it most. However, if you do run out, the **"Use Composite Black" ink system** ensures that you can keep printing. It produces composite black ink by combining cyan, magenta and yellow inks. With the PIXMA iP100, you can always get the job done!

Save Black Ink mode   Default mode
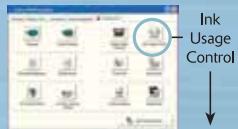
Ink Usage Control

Increasing printing capability by approximately 50%

PictBridge Connections – No Computer Required

PictBridge

Now it's even more fun and convenient to travel, because you can print without a computer. Just connect any **PictBridge-compatible digital camera** or **video camcorder** to the PIXMA iP100 and print **brilliant, lab-quality photos.**

Convenience In A Car – Power On The Go

Even in a car, you can enjoy PIXMA's superior printing performance! The PIXMA iP100 has an optional **Automobile Power Unit (PU-200U)** that connects to the car's cigarette lighter. You can further expand your mobility with the optional **Rechargeable Battery Kit (LK-62)**. Printing on the go has never been more convenient!

Rechargeable
Battery

Automobile
Power Unit

Wireless Printing Enhances The Mobile Experience

Enjoy the convenience of printing wirelessly from your **mobile devices** via the **built-in IrDA IR interface**. Or connect the optional Bluetooth adapter **(BU-30)** and print from your **Bluetooth-enabled phone** or **PDA**.

IrDA IR

Bluetooth®

(Optional)***

PC* (Mac or PC
operating system)

PDA

Approx. 10m**
The Bluetooth connection allows wireless printing at even greater distances.

Mobile phone

* Optional
** 10 meters – May vary due to obstacles, radio static, magnetic field around microwave ovens, locations where radio interference occurs, software/OS used, device sensitivity, antenna performance, etc.
*** Bluetooth-compatible devices: PC, PDA, Mobile phone and any other Bluetooth enabled device. (Bluetooth operation depends on the devices and software version used.)

Easy-PhotoPrint EX

Canon's most creative photo-printing software ever!

Photo Print
Print photos simply by selecting paper size and layout. Print borderless photos easily.

Album
Create a customised photo album of your favourite images easily by selecting layouts and images.

Stickers
Create stickers using digital camera photos or other images.

Calendar
Create your own calendar using your favourite images. Select a layout and customise date, colours and fonts.

Layout Print
Print photos easily by selecting paper size and layout. Use this function to add text to photos.

Library
Access albums and other items created with Easy-PhotoPrint EX.

① 100-year life in an album

② 30-year lightfastness

③ 10-year gas fastness

ChromaLife100
PHOTOS FOR A LIFETIME

Photos should last a lifetime – or even up to 100 years – which is why Canon brought together a myriad of technological innovations to create ChromaLife100. The amazing FINE™ print head, next-generation dye-based inks and a variety of Canon media come together to achieve brilliant, fade-resistant prints that last a lifetime.

Gases
O_3
NO_x
SO_x

FINE
Full-photolithography Inkjet
Nozzle Engineering
PRINT HEAD
High Precision/
Multi-nozzzle

Light

ChromaLife100

CLI-36
DYE INK
CARTRIDGE
High Density/
Wide Gamut

High
Temperature/
Humidity

GENUINE
PHOTO MEDIA
Super-Glossy/
High Speed Absorption/
High Water Resistance
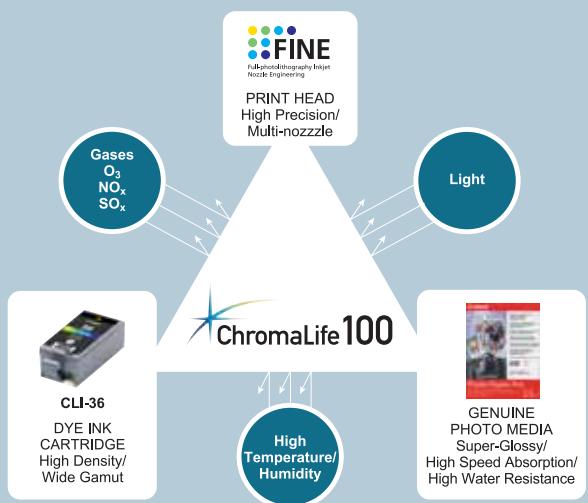
TYPE		MEDIA DESCRIPTION		SIZES				
				A4	8x10" (8R)	4x6" (4R)	Others	Image Quality
Photo Print	GLOSSY	Best quality photo; longer image life	**PR-101** Photo Paper Pro	●	●	●		★★★★★
		Affordable paper for reprints & album prints	**PP-201** Photo Paper Plus Glossy II	●		●		★★★★
		Economical everyday photographs and snapshots	**GP-501** Glossy Photo Paper (Everyday Use)	●		●		★★★
		Make fun photo stickers of all your favourite photos	**PS-101** Photo Stickers				●	★★★
	SEMI-GLOSS	Semi-gloss, satin surface finish	**SG-201** Photo Paper Plus Semi-Gloss	●	●	●		★★★★
Other	MATTE	Matte surface	**MP-101** Matte Photo Paper	●		●		★★★★
Documents		Business use (e.g. reports with charts and graphics)	**HR-101N** High Resolution Paper	●				★★

INK CARTRIDGES

PGI-35

CLI-36

Product Name	PIXMA iP100		
PRINT			
Printing Method			Bubble Jet Printing, Serial
Speed	Black Text*1	A4 Plain Paper / Max Speed	20ppm
	Colour*1	A4 Plain Paper / Max Speed	14ppm
	Photo (4x6")*1	PP-201 / Standard / Borderless	50secs
	Camera Direct*2 (4x6")	PP-201 / Standard / Borderless	104secs
Resolution (dpi)*3			9600 x 2400dpi (max.)
Min. Ink Droplet Size			1pl
Number of Nozzles			1856
Cartridge Type			PGI-35 (Pigment Black); CLI-36 (Dye C/M/Y/Bk)
Printable Width			Up to 203.2mm (8 inches), Borderless: Up to 216mm (8.5 inches)
Recommended Printing Area			Top margin: 46mm / Bottom margin: 35mm
Applicable Media Sizes			A4, Legal, A5, B5, Envelopes (DL, COM10), 4x6", 5x7", 8x10"
Borderless			4x6"/ 5x7" / A4
MEDIA HANDLING			
Rear Tray		Plain Paper	A4 = 50, Legal = 50
		High Resolution Paper (HR-101N)	A4 = 30
		Photo Paper Pro (PR-101)	A4 / 8x10" = 10, 4x6" = 10
		Photo Paper Plus Glossy (PP-101)	A4 = 10, 4x6" = 10, 5x7" = 10
		Photo Paper Plus Glossy II (PP-201)	A4 = 10, 4x6" = 10
		Photo Paper Plus Semi-Gloss (SG-201)	A4 / 8x10" = 10, 4x6" = 10
		Glossy Photo Paper (GP-401)	A4 = 10, 4x6" / Credit Card = 10
		Glossy Photo Paper "Everyday Use" (GP-501)	A4 = 10, 4x6" = 10
		Matte Photo Paper (MP-101)	A4 = 10, 4x6" = 10
		Photo Stickers (PS-101)	1
		T-Shirt Transfer (TR-301)	1
		Envelope	European DL and US Com. #10 = 10
SYSTEM REQUIREMENTS			
Windows			Windows 2000 SP4 / XP SP2 / Vista • Pentium II (including compatible processors) 300MHz 128MB RAM • Internet Explorer 6.0 and above • 400MB Hard Disk Space • SVGA 800x600
Macintosh			Mac OS X v.10.3.9 - 10.5 • PowerPC G3 / G4 • 512MB RAM Safari Browser 450MB Hard Disk Space • SVGA 800x600
GENERAL			
Interface		PC	USB 2.0 Hi-Speed, IrDA v1.4, Bluetooth v2.0 (optional)
		Camera Direct	Direct Print Port (PictBridge)
		Mobile Phone	IrDA IR v1.4 (JPEG/PNG only), Bluetooth v2.0 (Optional, JPEG/PNG only, OPP, BIP, BPP), Direct Print Port (PictBridge)
Software Included			Easy-PhotoPrint EX (Windows & Mac), Canon Solution menu (Windows only)
Operating Environment			Temperature: 5 - 35°C Humidity: 10-90% RH (no dew condensation)
Power			AC100 - 240V, 50/60Hz
Power Consumption			Standby: approx. 1.5W OFF: approx. 0.4W Printing*4: approx. 9W
Acoustic Noise (When Feeding from Rear Tray)		Print	Approx. 38.5dB(A) (when printing in the highest print quality mode on Photo Paper Pro)
Environment Friendly		Regulation	RoHS (EU), WEEE (EU), RoHS (China)
		Eco-Label	Energy Star
Weight			2.0kg
Dimensions (W x D x H)			322 x 185 x 61.7mm

Above specifications are subject to change without notice.
*1: PPM print speed is based on the highest speed mode setting using Canon standard patterns on plain paper. Photo print speed is based on the default setting using "ISO/JIS-SCID N2"on 4x6"Photo Paper Plus Glossy II. Print speed measured as soon as first page begins to feed into printer and will vary depending on system configuration, interface, software, document complexity, print mode, page coverage, type of paper used etc. and does not take into account data processing time on host computer.

*2: When printing equivalent to the 7.1 megapixel image taken by certain Canon digital cameras from PictBridge with "Default" setting on Print Effect without border using Photo Paper Plus Glossy.
*3: Ink droplets can be placed with a pitch of 1/9600 inch at minimum.
*4: When printing ISO/JIS-SCID N2 pattern on A4 size plain paper with the Standard mode.

100-year life in an album:
<Criteria for estimation>
The permanence presented above is estimated using an accelerated dark storage test and designed for silver-halide photos (ISO/FDIS18909). Samples are printed with an optical density of 1.0 (each black, cyan, magenta, yellow) and kept in a controlled environment of high temperature and 50% relative humidity. The test environment is designed to accelerate colour fading. The rate of the decrease in the optical density and the rate of yellow discolouration of the paper are measured. Finally, the results are extrapolated to the length of time when a printed image is kept in an environment of 23°C 50% RH.

30-year lightfastness:
<Criteria for estimation>
When displayed in a glass frame in a typical indoor space (estimating 500 lux / 10 hours per day) without direct sunlight. Estimated lightfastness is made under the following test conditions. Light source: White fluorescent light 70,000 lux; Temperature: 24°C; Humidity: 60% RH; A 2mm thick glass is placed on the sample with an air gap between the glass and the sample during accelerated testing.

10-year gas fastness:
<Criteria for estimation>
Estimated gas fastness is made under the following test conditions: Temperature (24°C) and humidity (60% RH) are controlled in an enviroment of mixed gases of O3, NOx and SOx. The ratio of the gases is typical to indoor air composition (O3: NOx: SOx = 3: 19: 1) with 100 times concentration in order to accelerate fading.

<Criteria for estimation of print longevity>
Estimates for image permanence are made using the Wilhelm Imaging Research, Inc. Endpoint Criteria: Accumulated illuminance causes a monochromatic / reflective optical density loss of 20-35% (figures set respectively for each colour, starting density of 1.0). Accumulated illuminance causes a difference in colour balance of yellow, magenta and cyan (each component in composite black) of 12-18%.

<Tips>
Note for printing and displaying photos: The image permanence estimates presented above may vary depending on display / storage conditions. The expressed numbers of years estimates are the result of simulated, accelerated tests conducted by Canon Inc. and do not represent a product guarantee.

Making your printed images last longer: Light, environmental gases, high temperature and humidity can accelerate colour fading. When displaying your photographs, avoid high intensity lighting and use glass-filtered frames. Photos stored in the dark, using archival quality albums or storage materials, will tend to last longer than photos that are exposed to light. Avoid high temperatures and high humidity to promote the image permanence of your photos.

Canon
Delighting You Always

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