PIXMA MG4170
Photo All-in-One

SIMPLY ADVANCED

FUN FILTER EFFECT
PIXMA CLOUD LINK
ENHANCED FULL HD MOVIE PRINT
FASTFRONT
AUTO DUPLEX PRINTING
NEW FINE™ CARTRIDGES

Wi Fi CERTIFIED®

Canon

THE PIXMA BLACK SERIES

THE PIXMA BLACK SERIES

THE PIXMA BLACK SERIES

ADVANCED PERFORMANCE, SIMPLE OPERATION

With features like Auto Duplex printing and Solution Menu EX, the PIXMA MG4170 makes advanced performance effortless. You can print photos wirelessly from selected mobile devices, or print directly from memory cards simply by viewing and choosing images on the 2.4-inch color LCD display. What's more, now you can transform ordinary photos and HD movie stills into works of art with Fun Filter Effect and Full HD Movie Print. Now FastFront enables you to replace cartridges and load paper easily. Advanced performance is simple – with the PIXMA MG4170.

Before You Buy, Demand To Know The True Speed Of That Inkjet Printer

You cannot accurately compare the speed of inkjet printers when there are different test methods. Unless the universal ISO Print/Copy Speed Measurement standards are used, it's impossible to know which printer is faster: one that prints 10 images per minute (ipm) or one that prints 30 pages per minute (ppm). Canon has adopted the universal ISO standards for inkjet printers to ensure that you always get the performance you expect right out of the box. Demand the ISO standard – it's the only way to know the real speed of your inkjet printer.

| **2pl** Technology | **4800dpi** Maximum | 10x15cm (4x6") borderless **44 approx. sec.** | **FINE** Full-photolithography Inkjet Nozzle Engineering | **ChromaLife100** | *Document Printing* **9.9ipm** Mono / **5.7ipm** Color | *FCOT (First Copy Out Time)* **20sec.** Color | **FINE Cartridge** |

Measured by ISO / IEC 24734 Standard

Measured by ISO / IEC 29183 Standard

Full HD Movie Print
Print your favorite moment. Catch the motion and tell the story.

Full HD Movie Print

Fun Filter Effect
Just a few clicks to add artistic image effects.

Fun Filter Effect

Original ▶ Fish-Eye Effect

PIXMA Cloud Link
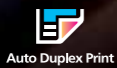Print photos from your online album or useful templates without using a PC.

PIXMA Cloud Link

2.4-inch Color LCD Display
A better view with the large display screen.

2.4" (6.0cm) TFT

Auto Duplex Printing
For saving resources.

Auto Duplex Print

Mobile Printing (Wi-Fi)
Enjoy wireless photo printing from iPhone/iPad/Android™ devices.

Mobile Printing

Wi-Fi CERTIFIED

FastFront
Makes replacing ink cartridges and loading paper easy.

FastFront

Quick Operation
Quick and comfortable photo printing.

Quick Operation

Easy-WebPrint Ex
Lets you clip, arrange and print web page contents.

Easy-WebPrint EX

High-quality & High-speed
2pl, 4800dpi, FINE™ Cartridge and ISO Standard speed.

FINE
Full PhotolithographyInkjet Nozzle Engineering

FINE Cartridge

ChromaLife100

Quiet Mode
Offers near silent operation with straightforward settings.

Canon Creative Park Premium
Download and print exclusive premium content.

CREATIVE PARK PREMIUM

* Only available when using Canon genuine inks for all colors.

FUN FILTER EFFECT

Fun Filter Effect

NEW!

Create a more artistic impression or add some fun to your ordinary photo through Fun Filter Effect. This software is conveniently accessed via Solution Menu EX or Easy-PhotoPrint EX. Simply select an image, choose the desired effect and follow the easy steps.

Before   After

Fish-Eye
A fish-eye lens captures extremely wide images, giving them a fun, distorted appearance. To create the same look, just select the center of the effect and the degree of distortion.

Miniature
Softens the edges of your images, making subjects appear to be miniatures. Select the width of the focus area to control the degree of miniaturization.

Toy Camera
Creates a stylish and increasingly popular effect by making your images appear as if they were captured with a vintage or "toy" camera.

Soft Focus
Decreases the sharpness of your images to create a dreamy, artistic feel. You can control the degree of softness.

Blur Background
Makes the subject stand out by giving the background a soft, pleasing blur.

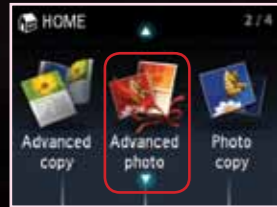# PIXMA CLOUD LINK

PIXMA Cloud Link **NEW!**

With PIXMA Cloud Link, you can access and print photos and stationery stored online. You don't even need a computer!

Online Album Photo Print

Print photos from Picasa™ Web Albums. No PC is required; simply view and select images on the printer and print.
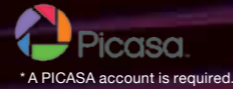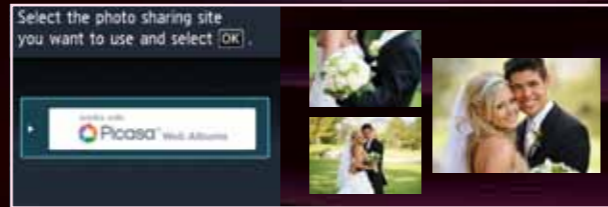
Select "Advanced photo"

Select "Online Album print"

Select photo sharing site

*A PICASA account is required.

Select album and photos to print

Web Template Print

Print attractive templates directly from your PIXMA MG4170. Templates are regularly updated and include stationery, envelopes, memos and calendars.
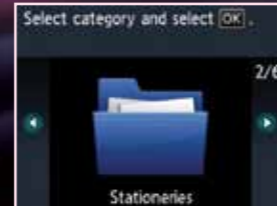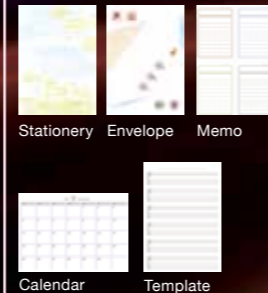
Select "Special print"

Select "Web template print"

Select category

Canon Server
Templates are updated regularly

Stationery   Envelope   Memo

Calendar   Template

Select template to print

ENHANCED FULL HD MOVIE PRINT

Full HD Movie Print

Extract individual frames from movies taken with your Canon digital camera and print them as beautiful still photographs. For optimal image quality, you can even enhance the resolution and reduce noise before printing. Now you can do even more:

*Only for ".mov" files created by Canon digital cameras. Requires Canon ZoomBrowser EX 6.5 or later, or Canon ImageBrowser 6.5 or later.

Merge Frames **NEW!**

Combine multiple frames of an action sequence to create an extraordinary image showing the natural flow of movement.
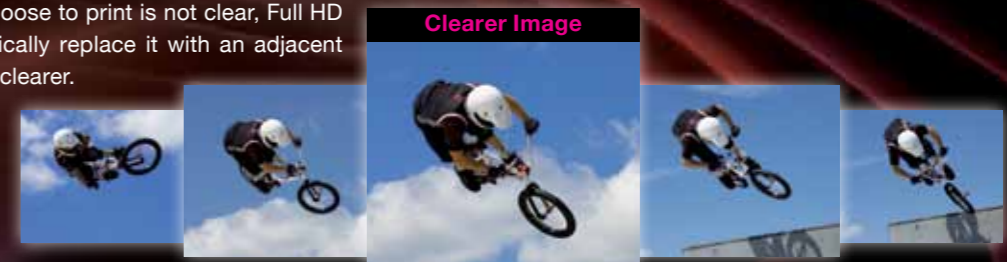
Layout **NEW!**

Create a layout with multiple frames from a movie clip. You can choose the paper size, layout orientation, frame direction and automatically adjust the cropping area of each frame.

Clearer Images **NEW!**

If the movie frame you choose to print is not clear, Full HD Movie Print can automatically replace it with an adjacent frame that is sharper and clearer.

Clearer Image

New FINE™ Cartridge

The new FINE™ cartridge improves color reproduction in red areas for more brilliant color images. It also enhances print speed while maintaining image quality.

Original

New FINE™ Cartridge

Reserve Copy

Begin making another copy as you wait for the previous one to be completed. Put the next document on the platen glass, press the start key and the next job will be placed in the copy queue.

Frame Erase

Saves black ink by removing unsightly black borders that often appear on copies made from thick originals.

Without Frame Erase

With Frame Erase

Auto Scan Mode

The document type is recognized and scan settings are automatically made – including file format settings and image categorization – so you can scan at the touch of a button.

SCAN
1200×2400dpi

Standard Scan Steps
- Set Original
- Select the Type of Original
- Preview
- Set Resolution
- Crop
- Set Suitable Image Processing
- Scan
- Save

Auto Scan Mode Scan Steps
- Set Original
- **Click Scan Button**

Automatically recognizes the type of originals, scans and saves with suitable settings
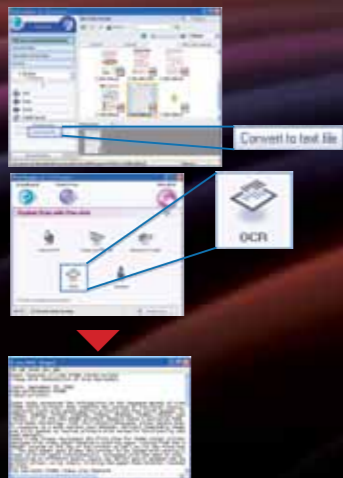
MP NAVIGATOR EX

Image Categories

Organizes scanned images into categories (works with Auto Scan Mode).
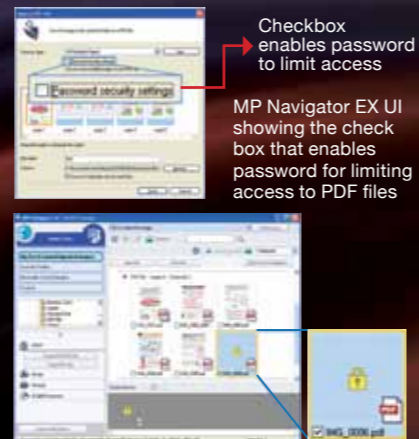
OCR Text Data Conversion

Extract text from a scanned image to create a .TXT text file, and use appropriate software to edit, copy, save or email.

Convert to text file

Copy/Save

Microsoft Notepad

Added PDF Security

Limit access to or restrict the printing of PDF files by giving them passwords; separate passwords can be created for a single file to give varied access.

Checkbox enables password to limit access

MP Navigator EX UI showing the check box that enables password for limiting access to PDF files

MP Navigator EX UI showing PDF files with passwords that limit access

CONVENIENT CONNECTIONS

Wireless Network

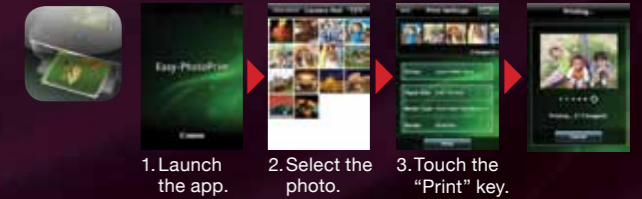Setting up a secure wireless network is easy with Wi-Fi Protected Setup (WPS) and Windows Connect Now (WCN).

Sharing Printer

Sharing Scanner

Windows PC

Macintosh

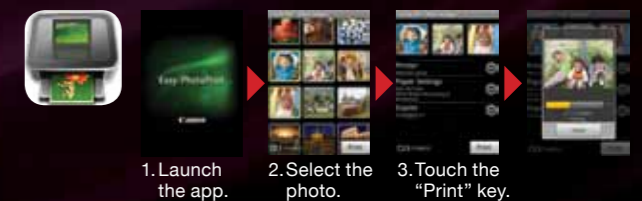## Easy Printing From Mobile Devices

Mobile Printing

Print photos wirelessly from your iPhone, iPad, iPod Touch or Android™ devices in three easy steps. You can also "snap & print" a photo immediately after taking it.

Canon iEPP (For iPhone)

1. Launch the app.
2. Select the photo.
3. Touch the "Print" key.

Canon EPP (For Android)*

1. Launch the app.
2. Select the photo.
3. Touch the "Print" key.

* Subject to Android device compatibility

USB 2.0 Hi-Speed

Connection is quick and convenient with the USB 2.0 Hi-Speed port. It also ensures fast, smooth data transfer.

Card Direct

Memory Card

Print photos directly from most commonly used memory cards.

FastFront

Replacing ink cartridges and loading paper from the front is faster and easier with FastFront.

Auto Photo Fix II

Images are analyzed based on the presence of faces, type of scene and lighting conditions. Precision adjustments are then made to skin tones, brightness and color cast.

Original

Corrected color cast

Solution Menu EX

This convenient desktop menu gives you instant access to a variety of printing, scanning and web-based solutions: print HD movie frames, visit Creative Park Premium, set the printer to Quiet Mode or use Fun Filter Effect.
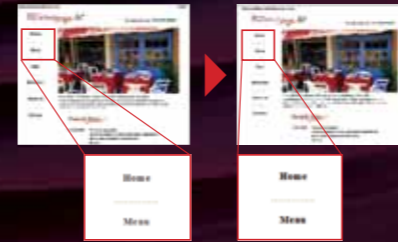
EASY-WEBPRINT EX

Easy-WebPrint EX

Clip, arrange, edit, resize and print web pages easily.

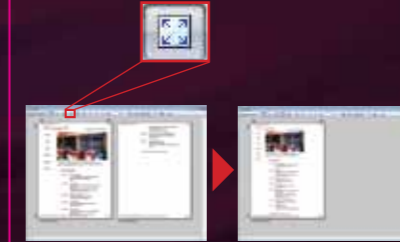### Improved Legibility

Enhance readability by changing gray text to black or increasing font size.
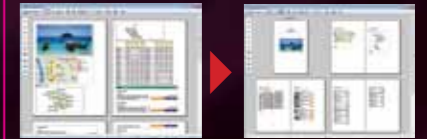
Fit-To-Page

With a click, reduce or enlarge content so it fits on one page.

Booklet Print

Consolidate clipped web content in an A5-sized booklet, printed on both sides.
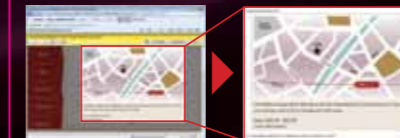
Clip & Merge

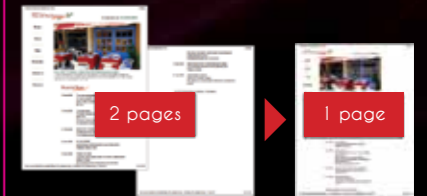Clip, edit and resize web material; you can insert images stored on your PC before printing.

Auto Clip

With a click, clip the main part of the web page for printing.

Save Paper

Reduce Size/Fit to Page and Save to PDF options lower paper use.

2 pages

1 page

EASY-PHOTOPRINT EX

It's the fun and easy way to get creative! Print photo albums and calendars with great-looking layouts, photo stickers and much more. Easy-PhotoPrint EX also gives you quick and convenient access to other creative features – including Fun Filter Effect – for even more creative fun.

Import Photos Directly From Flickr®

Easy-PhotoPrint EX gives you access to hundreds of thousands of high-quality Flickr® images. You'll have endless fun decorating photo albums, calendars, travel journals or other creative projects.*
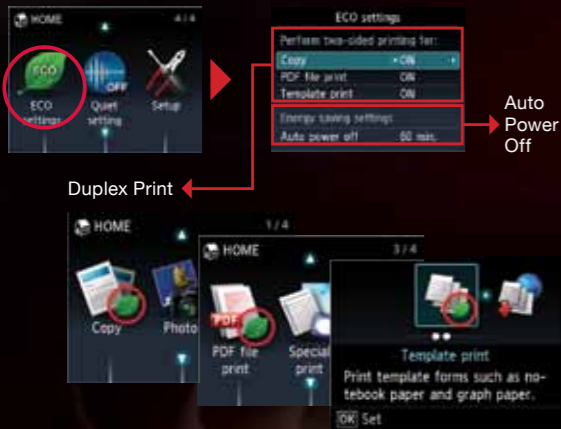
* It is unlawful to reproduce or edit the copyrighted work of another person without permission from the copyright holder, except for personal use, use within the home, or other use within the limited scope as defined by the copyright. Additionally, reproducing or editing photographs of people may infringe on portrait rights.

A BETTER ENVIRONMENT

To reduce CO_2 emissions, PIXMA printers conform to the EU RoHS directive and the international Energy Star Program. In addition, the PIXMA MG4170 features a number of innovations to help create a better environment.
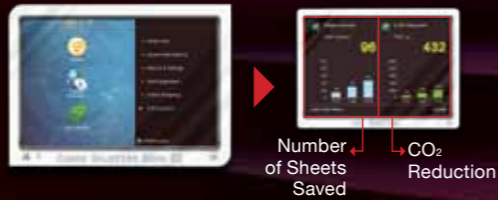
ECO Mode **NEW!**

Easy access to settings for Auto Duplex printing – including PDF files and templates – to save resources. Reduce energy use by setting the printer to shut itself off automatically after a selected interval of inactivity.
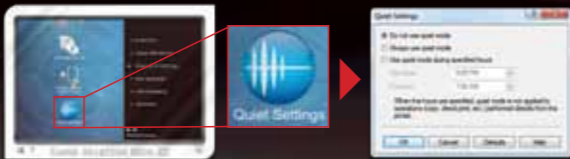
Auto Power Off

Duplex Print

ECO Information **NEW!**

Know the exact amount of paper you've saved and how much you've reduced CO_2 emissions by using Auto Duplex Mode.

Number of Sheets Saved → CO_2 Reduction

Quiet Mode **NEW!**

Minimize operating noise with Quiet Mode, which is easily accessible via the Home Screen or Solution Menu EX.

ChromaLife100*

Using Canon's dye-based inks and genuine photo papers, prints can last up to 100 years under proper storage conditions. Image quality is also greatly enhanced.

Gases O_3 NO_x SO_x

Print Head High Precision/ Multi-nozzle

Light Fluorescent

FINE
Full-photolithography Inkjet Nozzle Engineering

ChromaLife 100

CL-741, CL-741XL
New Dye-Based Inks
Rich Color Reproduction/
Further Longevity

High Temperature/ Humidity

PT-101, PP-201, SG-201, GP-501
Bright Coloration/ High Longevity

* For proper storage conditions, see specifications for details.

Gas Fastness Approx. **10 years**

Original print

10 years later

No noticeable color change

Photo Printing

PT-101
Photo Paper Pro Platinum
(Super High Gloss)
• 300g/m²
• 4x6", 8x10", A4

PP-201
Photo Paper Plus Glossy II
• 260g/m²
• 4x6", A4

GP-501
Glossy Photo Paper
• 170g/m²
• 4x6", A4

SG-201
Photo Paper Plus Semi-Gloss
• 270g/m²
• 4x6", 8x10", A4

Special Projects

MP-101
Matte Photo Paper
• 170g/m²
• 4x6", A4

PS-101
Photo Stickers
• 190g/m²
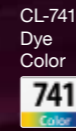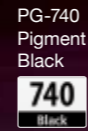• Stickers
  (5 sheets/pack)
  (16 photo stickers/sheet)

Business Printing

HR-101N
High Resolution Paper
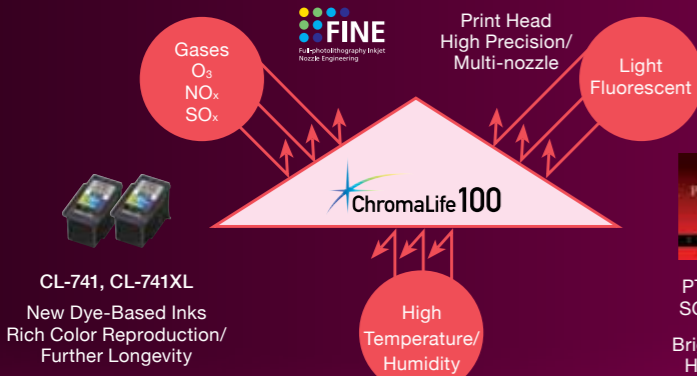• 110g/m²
• A4

Ink Cartridges

PG-740
Pigment Black
740 Black

CL-741
Dye Color
741 Color

High Yield
PG-740XL
Pigment Black
740XL Black
Optional

High Yield
CL-741XL
Dye Color
741XL Color
Optional

CREATIVE PARK EXCLUSIVE ACCESS!
PREMIUM

As the owner of a PIXMA MG4170, you have privileged access to Creative Park Premium. This is an elite, online service that allows you to download a wide range of professional photos and illustrations from world-renowned artists – premium content that is not available at Canon Creative Park. Use these **FREE** downloads to create extraordinary prints, posters, calendars, greeting cards and much more. This exclusive site can be accessed through Solution Menu EX.

Album & Photo Frame

Greeting Card

T-Shirt

Calendar

Postcard

Gallery

NOTE: CREATIVE PARK PREMIUM is a premium content service available exclusively to users only when all of the colors of genuine Canon inks are installed.

CREATIVE PARK

Canon Creative Park – Paper Was Never So Much Fun!

Download **FREE** templates to create personalized gifts, cards, 3D paper art, calendars and scrapbooking materials. It's the fun way to get the most out of your PIXMA printer!

www.canon.com/c-park

PIXMA MG4170 SPECIFICATIONS

PRINT

Maximum Printing Resolution		4800 (horizontal)*1 x 1200 (vertical) dpi
Print Head / Ink	Type	FINE™ Cartridge
	Total Number of Nozzles	1,792
	Ink Droplet Size (Min)	2pl
	Ink Tank	PG-740, CL-741 (PG-740XL, CL-741XL Optional)
Print Speed	Document: Color*2 ESAT / Simplex	approx. 5.7ipm
	Document: B/W*2 ESAT / Simplex	approx. 9.9ipm
	Photo (4x6")*2 PP-201 / Borderless	approx. 44sec.
Printable Width		Up to 203.2mm (8 inches), Borderless: Up to 216mm (8.5 inches)
Printable Area	Borderless Printing*3	Top / Bottom / Right / Left margin: each 0mm (Supported Paper Size: A4 / LTR / 4x6" / 5x7" / 8x10")
	Bordered Printing	Top margin: 3mm, Bottom margin: 5mm, Left / Right margin: each 3.4mm (LTR, LGL: Left: 6.4mm, Right: 6.3mm)
	Bordered Auto Duplex Printing	Top margin: 5mm, Bottom margin: 5mm, Left / Right margin: each 3.4mm (LTR, LGL: Left: 6.4mm, Right: 6.3mm)
Recommended Printing Area		Top margin: 32.5mm / Bottom margin: 33.5mm
Paper Size		A4, A5, B5, LTR, LGL, 4x6", 5x7", 8x10", Envelopes (DL, COM10)
Paper Handling (Front Tray) (Maximum Number)	Plain Paper	A4, A5, B5, LTR = 100, LGL = 10
	High Resolution Paper (HR-101N)	A4 = 80
	Photo Paper Pro Platinum (PT-101)	4x6" = 20, A4 / 8x10" = 10
	Photo Paper Plus Glossy II (PP-201)	4x6" = 20, A4 = 10
	Photo Paper Plus Semi-Gloss (SG-201)	4x6" = 20, A4 / 8x10" = 10
	Glossy Photo Paper "Everyday Use" (GP-501)	4x6" = 20, A4 = 10
	Matte Photo Paper (MP-101)	4x6" = 20, A4 = 10
	Photo Stickers (PS-101)	1
	T-Shirt Transfer (TR-301)	1
	Envelope	European DL, US Com. #10 = 5
Support Media for Auto Duplex Printing	Type	Plain Paper (Bordered)
	Size	A4, LTR
Paper Weight		Plain Paper: 64-105 g/m², Canon specialty paper: max paper weight: approx. 300g/m² (Photo Paper Pro Platinum PT-101)
Ink End Sensor		Dot count
Print Head Alignment		Manual

SCAN

Scanner Type		Flatbed
Scanning Method		CIS (Contact Image Sensor)
Optical Resolution*4		1200 x 2400dpi
Selectable Resolution		25 - 19200dpi
Scanning Bit Depth (Input / Output)	Grayscale	16 / 8bit
	Color	48 / 24bit (RGB each 16 / 8bit)
Line Scanning Speed*5	Grayscale	1.147 ms/lines (300dpi)
	Color	3.441 ms/lines (300dpi)
Scanning Speed*6	Reflective A4 Color / 300dpi	approx. 14sec.
Maximum Document Size	Flatbed	A4, LTR (216 x 297mm)

COPY

Maximum Document Size		A4, LTR (216 x 297mm)
Compatible Media	Size	A4, A5, B5, LTR, 4x6", 5x7"
	Type	Plain Paper
		Photo Paper Pro Platinum (PT-101)
		Photo Paper Plus Glossy II (PP-201)
		Photo Paper Plus Semi-Gloss (SG-201)
		Glossy Photo Paper "Everyday Use" (GP-501)
		Matte Photo Paper (MP-101)
Image Quality		3 positions (Fast, Standard, High)
Density Adjustment		9 positions, Auto intensity (AE copy)
Copy Speed*7	Document: Color sFCOT / Simplex	approx. 20sec.
	sESAT / Simplex	approx. 4.3ipm
Multiple Copy	Black / Color	max. 99 pages

NETWORK

Protocol		TCP / IP
Wireless LAN	Network Type	IEEE802.11n / IEEE802.11g / IEEE802.11b (infrastructure mode)
	Frequency Band	2.4GHz
	Data Rate	IEEE802.11n: Max. 150Mbps
		IEEE802.11g: Max. 54Mbps
		IEEE802.11b: Max. 11Mbps
	Range	Indoor 50m (depends on the transmission speed and conditions)
	Security	WEP (64 / 128bit)
		WPA-PSK (TKIP / AES)
		WPA2-PSK (TKIP / AES)

SYSTEM REQUIREMENTS

Windows	(Please visit www.canon-asia.com to check OS	Windows XP SP2, XP SP3 / Windows Vista SP1, Vista SP2 / Windows 7, 7 SP1
Macintosh	compatibility and to download the latest driver updates)	Mac OS X v10.4.11 - 10.7

GENERAL SPECIFICATIONS

Quick Start		approx. 5sec.
Operation Panel	Display	LCD (2.4-inch / 6cm TFT color)
Interface		Wireless LAN b/g/n, USB 2.0 Hi-Speed, Memory Card Slots
Operating Environment		Temperature: 5 - 35°C; Humidity: 10 - 90% RH (no dew condensation)
Storage Environment		Temperature: 0 - 40°C; Humidity: 5 - 95% RH (no dew condensation)
Acoustic Noise (PC Print)*8		approx. 42.5dB
Power		AC100 - 240V, 50/60Hz
Power Consumption	Standby	approx. 3.0W
	Copying*9	approx. 21W
Environment	Regulation	RoHS (EU, China), WEEE (EU)
	Eco-Label	Energy Star
Dimension (WxDxH)		approx. 449 x 304 x 152mm
Weight		approx. 5.7kg

Specifications are subject to change without notice.

*1 Ink droplets can be placed with a pitch of 1/4800 inch at minimum.

*2 Document print speeds are the averages of ESAT in Office Category Test for the default simplex mode, ISO/IEC 24734.

    Photo print speed is based on the default setting using ISO/JIS-SCID N2 on Photo Paper Plus Glossy II and does not take into account data processing time on host computer.

    Print speed may vary depending on system configuration, interface, software, document complexity, print mode, page coverage, type of paper used, etc.

*3 Paper types NOT supported for borderless printing are as follows: Envelope, High Resolution Paper, T-Shirt Transfer, Photo Stickers.

*4 Optical resolution is a measure of maximum hardware sampling resolution, based on ISO 14473 standard.

*5 The fastest speed via Hi-Speed USB on Windows PC. Transfer time to computer is not included.

*6 Color document scan speed is measured with ISO/IEC 24735 Annex C Test Chart A.

    Scan speed indicates the time measured between pressing the scan button of the scanner driver and the on-screen status display turning off.

    Scan speed may vary depending on system configuration, interface, software, scan mode settings, document size, etc.

*7 Copy speeds are the average of sFCOT and sESAT, ISO/IEC 29183.

    Copy speed may vary depending on document complexity, copy mode, page coverage, type of paper used, etc., and does not take into account warm-up time.

*8 When printing ISO/JIS-SCID N2 pattern on 4x6" Photo Paper Plus Glossy II using default settings.

*9 When copying ISO/JIS-SCID N2 (printed by inkjet printer) on A4 size plain paper using default settings.

*CHROMALIFE100 PROPER STORAGE CONDITIONS

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 color fading. The rate of the decrease in the optical density and the rate of yellow discoloration 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 illumination causes a monochromatic / reflective optical density loss of 20-35% (figures set respectively for each color, starting density of 1.0). Accumulated illumination causes a difference in color balance of yellow, magenta and cyan (each component in composite black) of 12-18%.

<Tips>
Making your printed images last longer: Light, environmental gases, high temperature and humidity can accelerate color 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.

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

Canon

Delighting You Always

Dealer's Stamp

0156W482