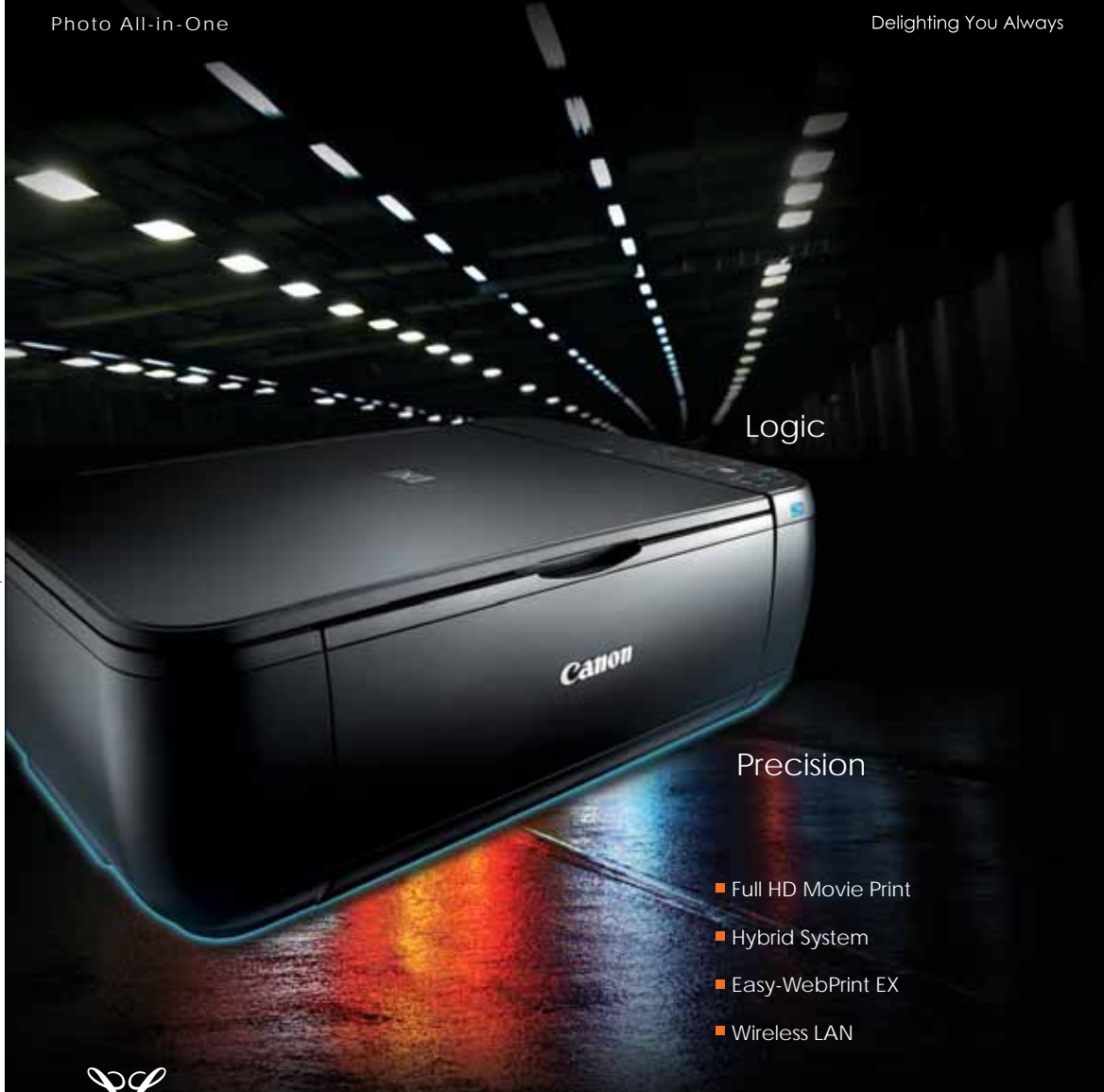


MP497

Photo All-in-One

Canon

Delighting You Always



Logic

Precision

- Full HD Movie Print
- Hybrid System
- Easy-WebPrint EX
- Wireless LAN



THE PIXMA BLACK SERIES

# PIXMA BLACK SERIES

## The PIXMA Black Series

### Your Life, Your Style

Personifying elegance, simplicity, and true perfection – right out of the box – the mesmerizing PIXMA Black Series makes everyday printing, copying and scanning tasks easier than ever before. Perfection for your life. A reflection of your style. Discover yourself in the PIXMA Black Series.

Document Printing	Continuous Copy	FCOT (First Copy Out Time)
<b>8.8ipm</b> Mono	<b>5.0ipm</b> Color	<b>3.7cpm</b> Color
		<b>26sec</b> Color

**2pi** Technology  
**4800dpi** Maximum  
**10x15cm (4x6")** borderless approx. **41 sec.**  
**FINE** Full-photolithography Inkjet Nozzle Engineering  
**ChromaLife 100+**  
**WiFi CERTIFIED**



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

You can't accurately compare the speed of inkjet printers if 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.

# Incredible Speed, Superlative Quality

*Get More Done – High-Speed Printing/Copying Right Out Of The Box*

Only PIXMA offers high-speed, high-quality printing and copying right out of the box. A brilliant 4x6" borderless photo can be printed in just 41 seconds. Print monochrome documents at 8.8ipm and color documents at 5.0ipm.

*Print Brilliant, Lab-Quality Photos – FINE™ Technology*

**FINE** 4800dpi  
Maximum

You can count on sharp details, smooth gradation and excellent precision. FINE™ print-head technology brings about resolutions up to 4800dpi, with microscopic ink droplets as small as 2pl.

**PIXMA MP497**  
Vibrant colors with almost no graininess



Color ink-droplet size min. 2pl

**OTHER BRAND**  
Graininess is conspicuous



Color ink-droplet size min. 5pl

*Sharp Text, Beautiful Images – Hybrid Ink System*



The FINE Cartridge Hybrid ink system incorporates pigment- and dye-based inks, ensuring brilliant color for breathtaking photos and sharp, business-quality text even when characters appear over an image.

*Automatic Color Cast Correction – Improved Auto Photo Fix II*



In addition to corrections based on face detection and scene categorization, Auto Photo Fix II now automatically adjusts the color cast of an image by first analyzing the characteristics of the original lighting conditions, resulting in dramatically more pleasing photos.



Original (Under-exposed)



With Auto Photo Fix II

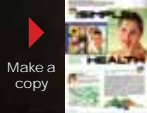
*Exceptionally Accurate Color Copies – Dual Color Gamut Processing*



When it comes to copies, accuracy is everything. Dual Color Gamut Processing ensures advanced color accuracy by evaluating several factors – such as the brightness and contrast of the original – and then creating the ideal balance between color differences and gradation during the copying process. Even the color and detail of second-generation copies remain faithful to the original.



Original



Make a copy

Copy



Make a copy again

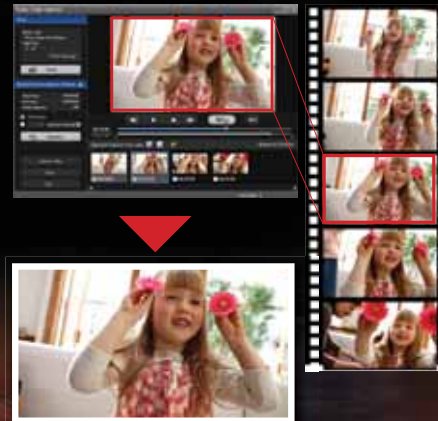
Second Generation Copy

# Increasing Your Creative Options

**NEW!** *Print Your Favorite Movie Moment – Full HD Movie Print*



Now you can print individual frames from full HD movies\* you shoot with your Canon digital camera. And you can perfect your prints with Canon's advanced image correction technologies.



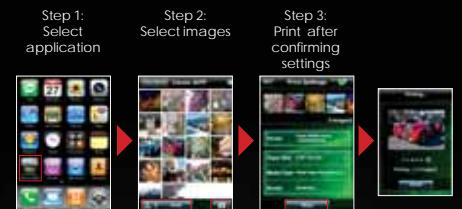
\*Only for ".mov" files created by Canon digital cameras  
\*Requires Canon ZoomBrowser EX 6.5 or later, or Canon ImageBrowser 6.5 or later

# Expanded Direct Photo Printing Features

**NEW!** *iPhone Printing*



Easy-PhotoPrint for iPhone is a free application that provides the ideal wireless printing solution for your iPhone or iPod Touch. You can even select the number of images you want to print, as well as the size and type of media.



**NEW!** *PlayStation 3 Printing*

Print photos wirelessly from your PlayStation 3 game console, even as you preview them on a high-definition, wide-screen TV.



## Maximum Benefits For All – Wireless Network Printing



Get the most out of the PIXMA MP497 by creating a convenient Wi-Fi network for multiple users. It complies with popular wireless authentication methods such as Wi-Fi Protected Setup (WPS) and Windows Connect Now (WCN), so setting it up for Wi-Fi printing is intuitive and fuss-free.

## No Jams, No Delays – Self-Opening Paper Output Tray



Whenever you hit the Print or Copy button, the paper output tray opens automatically. This simple, time-saving feature helps you avoid the hassle of paper jams and prevents wastage.

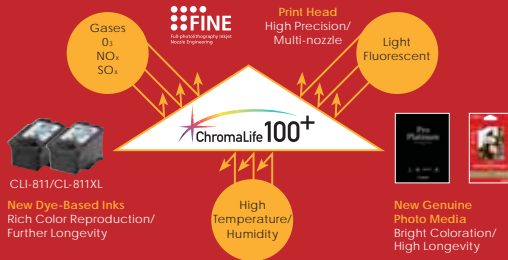
## Ready To Print The Moment You Power Up – Quick Start



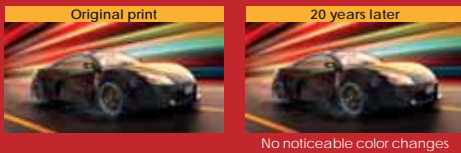
You'll always get more done if you don't have to wait. That's why the PIXMA MP497 is ready for operation in just 1 sec after pressing the Power button.

## Memories For More Than A Lifetime – ChromaLife100+

Your prints will last a lifetime...or several lifetimes under proper storage conditions. Designed to work in harmony, Canon's dye-based inks and genuine photo papers create absolutely brilliant, fade-resistant prints that can last up to 300 years.



Gas Fastness Approx. **20 years**



No noticeable color changes

## Black Beauty – Designed To Be Seen

A compact design and shimmering black finish ensure that the PIXMA MP497 is an elegant addition to any interior, while ergonomically situated controls make it a simple pleasure to operate.

## Black Goes Green – Environmentally Responsible



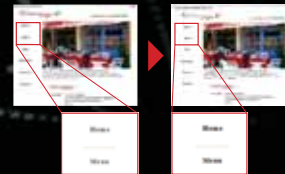
The PIXMA Black Series is packed with resource-saving features, like 4-in-1 & 2-in-1 layout options; and Easy-WebPrint EX for page-layout options when printing from the web. In addition to helping to reduce global CO<sub>2</sub> emissions, PIXMA printers conform to the EU RoHS directive and the international Energy Star Program.

# Enhanced Easy-WebPrint EX



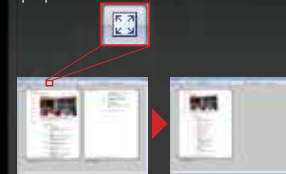
### NEW! Gray-To-Black Legibility

Enhance the legibility of gray text on web pages by printing it in crisp, easy-to-read black.



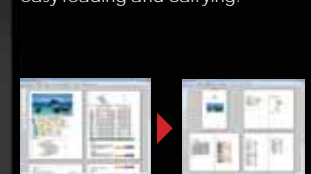
### NEW! Single Click Fit-To-Page

With one click, enlarge or reduce the size of clipped web content so that it fits onto a single sheet of paper.



### NEW! Booklet Print

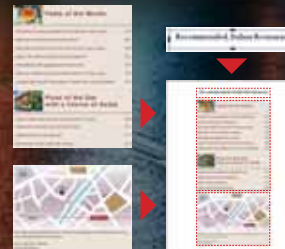
Make a handy A5-sized booklet out of the web materials you've clipped – printed on both sides – for easy reading and carrying.



## Clip & Merge

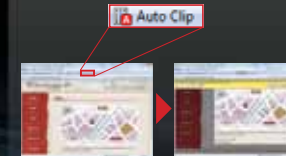
Save time, space and paper by clipping, editing, resizing and printing only what you want from web pages.

You can even insert images stored in your PC and rearrange the layout before printing.



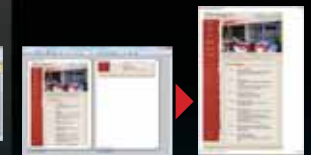
## Auto Clipping

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



## Save Paper

Paper-saving features include reduced fit-to-page layout and save to PDF options.



# Improved Easy-PhotoPrint EX

**NEW!** Import Photos Directly From Flickr®

Choose from hundreds of thousands of high-quality Flickr® images to decorate photo albums, calendars, travel journals and stickers\*. With Easy-PhotoPrint EX and Flickr®, your creative options are limitless.



\*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.

# Effortless Operation, Exceptional Control

**NEW!** So Easy To Get So Much Done – Solution Menu EX

It's fast and effortless to access a vast array of photo printing, scanning and web-based solutions from this unique launcher application. When not in use, Solution Menu EX can be minimized and kept out of the way in a corner of the desktop.



## Ideal Scans At The Touch Of A Button – Auto Scan Mode

Instead of having to go through numerous painstaking steps to get the correct settings for high-quality scans, Auto Scan Mode automatically recognizes the document type and then makes the optimal scan and save settings.

**SCAN**  
1200x2400dpi

Standard Scan Steps	Auto Scan Mode Scan Steps
Set Original	Set Original
Select the Type of Original	Click Scan Button
Preview	Automatically recognizes the type of original, scans and saves with suitable settings
Set Resolution	
Copy	
Set Save& Print Process	
Scan	
Save	

# MP Navigator EX

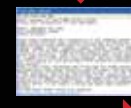
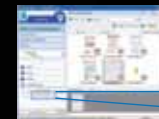
## Classifying And Viewing Images In Categories

Automatically places scanned and imported images into categories, making them easy to locate.



## OCR Text Data Conversion

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



Copy/Save Word Excel PowerPoint Etc.

## Add Security To Scanned PDF Files

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 PDF files with passwords that limit access

# A World Of Creative Fun

## Canon Creative Park

At Canon Creative Park, you'll discover just how creative you really are! Download gift and card templates, arts-and-craft materials, high-quality photographs and much, much more. You'll be inspired to do so many creative projects and have so much fun doing them. Best of all, it's FREE!



**CREATIVE PARK**

www.canon.com/c-park



## Paper Media

### Photo Printing

**PT-101 Photo Paper Pro Platinum (Super High Gloss)**

- 300g/m<sup>2</sup>
- 4x6", 8x10", A4

**PP-201 Photo Paper Plus Glossy II**

- 260g/m<sup>2</sup>
- 4x6", A4

**GP-501 Glossy Photo Paper**

- 170g/m<sup>2</sup>
- 4x6", A4

**SG-201 Photo Paper Plus Semi-Gloss**

- 270g/m<sup>2</sup>
- 4x6", 8x10", A4

### Special Projects

**MP-101 Matte Photo Paper**

- 170g/m<sup>2</sup>
- 4x6", A4

**PS-101 Photo Stickers**

- 190g/m<sup>2</sup>
- Stickers (5 sheets/pack) (16 photo stickers/sheet)

### Business Printing

**HR-101H High Resolution Paper**

- 110g/m<sup>2</sup>
- A4

## Ink Cartridges

### Standard Capacity

**CL-811 Dye Color**

**PG-810 Pigment Black**

### Optional High Capacity

#### High Capacity

**CL-811XL Dye Color**

**PG-810XL Pigment Black**

#### \*CHROMALIFE100\* PROPER STORAGE CONDITIONS

##### 300-year life in an album:

<Criteria for estimation> The permanence presented above are made using an accelerated dark storage test designed for silver halide photos (ISO/DIS18909). 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 that 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 500lux / 10 hours per day) without direct sunlight. Estimates for lightfastness are made under the following test conditions. Light source: White fluorescent light 70,000lx. 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.

##### 20-year gas fastness:

<Criteria for estimation> Estimates for gas fastness are made under the following test conditions: Temperature: 24°C and humidity: 60% RH are controlled in an environment of mixed gases of O<sub>2</sub>, NO<sub>x</sub> and SO<sub>x</sub>. The ratio of the gases is typical to indoor air composition (O<sub>2</sub>: NO<sub>x</sub>: SO<sub>x</sub> = 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 20-25% (figures set respectively for each color, starting density of 1.0). Accumulated illuminance 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-fronted 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 simulated, accelerated tests conducted by Canon Inc., and do not represent a product guarantee.

## MP497 Specifications

Print	Maximum Printing Resolution	4800 (horizontal) <sup>1)</sup> x 1200 (vertical) dpi		
	Print Head / Ink	Type	FINE Cartridge	
		Total Number of Nozzles	1,172	
		Ink Droplet Size (min.)	2pl	
		Ink Cartridge	PG-810, CL-811 (PG-810XL, CL-811XL Optional)	
	Print Speed	Document - Color <sup>2)</sup>	ESAT	approx. 5.0ipm
		Document - B/W <sup>2)</sup>	ESAT	approx. 8.8ipm
		Photo (4"x6") <sup>2)</sup>	PP-201/Borderless	approx. 41sec
	Printable Width	Borderless Printing <sup>1)</sup>	Up to 203.2mm (8inch), Borderless: Up to 216mm (8.5inch)	
		Borderless Printing	Top/Bottom/Right/Left margin: each 0mm (Supported Paper Size: A4/LR/4x6/5x7/8x10)	
Recommended Printing Area	Borderless Printing	Top margin: 3mm, Bottom margin: 5mm, Left/Right margin: each 3.4mm (LR/LR-L Left: 6.4mm, Right: 6.4mm)		
	Borderless Printing	Top margin: 31.2mm, Bottom margin: 32.5mm		
Paper Size	A4, A5, B5, LTR, LGL, 4x6", 5x7", 8x10", Envelopes(DL, COM10)			
Paper Handling (Rear tray)	Plain Paper	A4/A5/B5/LTR-100, LGL-10		
	High Resolution Paper (HR-101H)	A4-80		
	Photo Paper Pro Platinum (PP-101)	A4/8x10"-10, 4x6"-20		
	Photo Paper Plus Glossy II (PP-201)	A4-10, 4x6"-20		
	Photo Paper Plus Semi-Gloss (SG-201)	A4/8x10"-10, 4x6"-20		
	Glossy Photo Paper "Everyday Use" (GP-501)	A4-10, 4x6"-20		
	Matte Photo Paper (MP-101)	A4-10, 4x6"-20		
	Photo Stickers (PS-101)	1		
	1-Shot Transfer (1S-301)	1		
	Envelope	European DL/US Com. #10-10		
Paper Weight	Rear Tray	Plain Paper: 64-105 g/m <sup>2</sup> , Canon specialty paper: max paper weight : approx. 300g/m <sup>2</sup> (Photo Paper Pro Platinum PT-101)		
Ink End Sensor	Dot count			
Print Head Alignment	Manual			
Scan	Scanner Type	Flatbed		
	Scanning Method	CIS		
	Optical Resolution <sup>1)</sup>	1200 x 2400dpi		
		25 - 19200dpi		
	Selectable Resolution	Grayscale	16bit/8bit	
		Color	48bit/24bit (RGB each 16bit/8bit)	
	Line Scanning Speed <sup>1)</sup>	Grayscale	1.1 ms/line (300dpi)	
		Color	3.4 ms/line (300dpi)	
	Scanning Speed <sup>1)</sup>	Reflective	A4 Color/300dpi	
	Maximum Document Size	Flatbed	A4/LR (216 x 297mm)	
Maximum Document Size	Flatbed	A4/LR (216 x 297mm)		
Compatible Media	Size	A4/A5/B5/LTR/4x6/5x7"		
	Type	Plain Paper, Photo Paper Plus Glossy II (PP-201), Photo Paper Plus semi-gloss (SG-201), Glossy Photo Paper "Everyday Use" (GP-501)		
Copy	Image Quality	FCOT: Plain Paper	approx. 26sec	
	Copy Speed <sup>2)</sup>	Document, Color	approx. 3.7cpm	
		Document, Color	Continuous Copy: Plain Paper	Available
Network	Multiple Copy	Fit-to-page	max. 99 pages	
		Black/Color	1CP/IP	
	Protocol	TCP/IP		
		Wireless LAN		
	Wireless LAN	Network Type	IEEE802.11n/IEEE802.11g/IEEE802.11b	
		Frequency Band	2.4GHz	
	Channel	13CH		
		Channel	13CH	
	Data Rate	IEEE802.11n: Max 150Mbps, IEEE802.11g: Max. 54Mbps, IEEE802.11b: Max. 11Mbps		
		Indoor 50m (depends on the transmission speed and conditions)		
Range	WEP64/128bit, WPA-PSK (TKIP/AES), WPA2-PSK (TKIP/AES)			
	Administration password			
Security	approx. 1sec			
	Power LED			
Other Features	USB 2.0 Hi-Speed			
	Self-Opening Paper Output Tray			
Operating Environment	Available			
	Temperature: 5 - 35°C, Humidity: 10 - 90% RH (no dew condensation)			
Storage Environment	Temperature: 0 - 40°C, Humidity: 5 - 95% RH (no dew condensation)			
	approx. 45.0dB(A)			
Acoustic Noise (PC Print) <sup>1)</sup>	AC100 - 240V, 50/60Hz			
	Power Consumption			
Power	Standby (scanning lamp is off) (USB connection to PC)	approx. 1.2W		
	OFF (USB connection to PC)	approx. 0.3W		
Power Consumption	Copying <sup>2)</sup>	approx. 11W		
	Resolution	approx. 11W		
Environment	Regulation	RoHS (EU, China), WEEE (EU)		
	Eco-Label	Energy Star		
Dimension (WxDxH)	approx. 450 x 335 x 153mm			
	Weight			
Weight	approx. 5.6 kg			

Specifications are subject to change without notice.

<sup>1)</sup> Ink droplets can be placed with a pitch of 1/4800 inch at minimum.

<sup>2)</sup> Document print speeds are the averages of ESAT in Office Category test for the default simplex mode, ISO/IEC 24734, excluding time to print the first set.

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.

<sup>3)</sup> Paper types NOT supported for borderless printing are as follows:

Plain Paper, High Resolution Paper, Photo Stickers, 1-Shot Transfer, Envelope.

<sup>4)</sup> Optical resolution is a measure of maximum hardware sampling resolution, based on ISO 14473 standard.

<sup>5)</sup> The fastest speed in Hi-Speed USB on Windows PC. Transfer time to computer is not included.

<sup>6)</sup> Color document scan speed is measured with ISO/IEC 24735 Annex C test Chart A.

<sup>7)</sup> Scan speed indicates the time measured between pressing the scan button of the scanner driver and the on-screen status display runs off.

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

<sup>8)</sup> Copy speeds are the average of FCOT and continuous copy speed, ISO/IEC 24735 Annex D.

<sup>9)</sup> 1-11 in US, CND, LTR, BRA and TW.

<sup>10)</sup> When printing ISO/JIS-SCID N2 pattern on 4x6" Photo Paper Plus Glossy II using default settings.

<sup>11)</sup> Copy: When copying ISO/JIS-SCID N2 (printed by inkjet printer) on A4 size plain paper using default setting.



**Canon**

Delighting You Always

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Tel: 880-2-8611444  
Fax: 880-2-8610410

NEPAL: **International Electronics Concern (P) Ltd.**  
Tel: 977-1-4421991  
Fax: 977-1-4421909

BRUNEI: **Interhouse Company**  
Tel: 673-2-653001  
Fax: 673-2-653003

PAKISTAN: **MBM International**  
Tel: 9221-34302026-7  
Fax: 9221-34386308

CAMBODIA: **i-Click (Cambodia) Pte Ltd**  
Tel: 855-23-996638  
Fax: 855-23-996639

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Fax: 65-6221 7577  
www.canon.com.sg

INDIA: **Canon India Pvt. Ltd.**  
Tel: 91-124-4160000  
Fax: 91-124-4160011  
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SRI LANKA: **Metropolitan Computers (Pvt) Ltd.**  
Tel: 94-11-2437797  
Fax: 94-11-2448980

INDONESIA: **P. T. Datascrip**  
Tel: 62-21-2664-8999  
Fax: 62-21-6544811-13  
www.canon.co.id

THAILAND: **Canon Marketing (Thailand) Co. Ltd.**  
Tel: 66-2-3449999  
Fax: 66-2-3449967-68  
www.canon.co.th

MALAYSIA: **Canon Marketing (Malaysia) Sdn. Bhd.**  
Tel: 603-78446000  
Fax: 603-78450505  
www.canon.com.my

VIETNAM: **Canon Singapore Pte. Ltd.**  
Ho Chi Minh City Representative  
Office & Showroom  
Tel: 84-8-8200466  
Fax: 84-8-8200477  
www.canon.com.vn

MALDIVES: **SIMDI**  
Tel: 960-324819  
Fax: 960-318433

Hanoi Representative Office  
Tel: 84-4-7711677  
Fax: 84-4-7711678  
www.canon.com.vn

MYANMAR: **Myanmar Golden Rock International Co., Ltd.**  
Tel: 95-1-202092/3/4  
Fax: 95-1-202079

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