

PIXMA MX328 / MX338

INKJET OFFICE ALL-IN-ONE

Canon
Delighting You Always



**GET MORE DONE WITH THESE
ADVANCED ALL-IN-ONE PRINTERS**

PRINT ■ COPY ■ SCAN ■ FAX

ISO Standard Speed^{*4}

7.5 ipm **4.5 ipm**

Black **Color**

Measured by ISO / IEC FCD 24734 standard^{*5}



Scan Resolution

1200x2400 dpi CIS



Fax Technology

Super G3

30-page ADF



Photo Printing 4x6"

45 sec^{*2}



Copy Speed^{*3}

5.5 ipm **2.2 ipm**

Black **Color**

Measured by ISO / IEC FCD 24735 standard^{*5}



Bluetooth (optional)



Print Resolution

4800 dpi^{*1} (max.)

2pl (min.) ink-droplet size



PictBridge



MX338

Menu Settings

OK

Back

1.8-inch LCD Viewer

(PIXMA MX 338 only)




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

^{*2} Photo print speed is measured as soon as first page begins to feed into printer and will vary depending upon a number of factors.

^{*3} FSOT and ESAT ADF copy speed on plain paper is measured based on the test standard of ISO/IEC FCD 24735. ADF copy speed may vary depending on document complexity, copy mode, page coverage, type of paper used, etc.

^{*4} "ISO Standard Speed" represents the document print and copy speed measured at default quality setting.

^{*5} ISO/IEC FCD 24734, FCD 24735 defines the default print and copy speed measurement methods.

• Print speeds are the averages of ESAT in Office Category Test for the default simplex mode, ISO/IEC FCD 24734.

• Copy speed is the average of FCOT, ISO/IEC FCD 24735 Annex D.

• ADF copy speed is the average of ESAT in General Performance Test for the default simplex mode, ISO/IEC FCD 24735.

ESAT (Estimated Saturated Throughput): Average number of pages per minute at default speed (monochrome & color)

FCOT (First Copy Out Time): 1st page copy speed (without ADF) shall be described in "seconds"

ESAT (Estimated Saturated Throughput) for Copying: Average number of pages per minute in Simplex mode (one-sided copy) at default print speed (color only)

Stylishly compact
machine



ISO SPEED STANDARDS – A UNIFORM MEASURE FOR ALL

Canon has adopted new ISO (International Organization for Standardization) Productivity Standards governing print & copy speed for PIXMA Inkjet Photo Printers, Photo and Office All-In-One Printers.

Under the new ISO/IEC FCD 24734 and ISO/IEC FCD 24735 standards, participating print device vendors will adopt a common measurement system for published print and copy speed performance. Users will find it easier than ever to choose their perfect PIXMA printer according to their printing and copying needs.

- ISO/IEC FCD 24734 defines the measuring method of print speed on plain paper
- ISO/IEC FCD 24735 defines the measuring method of copy speed on plain paper, for printing devices with / without an ADF (Auto Document Feeder)

For details on the new ISO print productivity standards, please visit www.canon-asia.com

PHOTOS

The PIXMA MX338 & MX328 - The Convenient Way To Get More Done

Increase the quality, efficiency and productivity of your business with the PIXMA MX338 & MX328 Office All-In-One Inkjet Printers. These versatile machines offer print, copy, scan and fax capabilities – the ideal solution for your SOHO setup. Plus, a 30-sheet ADF makes everything faster and more convenient. Whatever you do, you'll get more done with the PIXMA MX338 & MX328.

HIGH-QUALITY PRINTING



Four-Color Ink System – Both Dye-Based and Pigment-Based Inks

- New dye-based inks greatly improve color expression and increase print longevity
- Pigment black enhances color contrast and ensures professional-quality text

The Hybrid System – Sharp Text Even On Images

- Pigment black ink ensures sharp black text and lines even when printed over an image
- The edges of photos and other graphic images are de-emphasized for a smooth, natural look

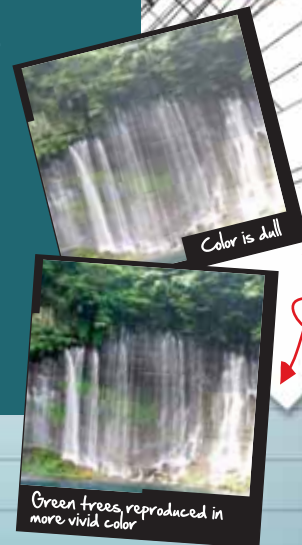


Sharp black text even on images

Auto Photo Fix* – The Ideal Solution For Every Image

- Recognizes the type of photo taken – a portrait, scenery, etc.
- Automatically makes the ideal correction based on image type
- Optimizes color intensity, tone and brightness for a naturally perfect photo

*Available in Easy-PhotoPrint EX



SCAN



VERSATILE SCANNING

Auto Scan Mode

- Scan and save at the touch of a button: Auto Scan Mode recognizes the type of original then makes all suitable settings

Scan To Memory Function – No Need For A Computer

- Save scanned data directly to USB flash memory
- Use the ADF to scan multiple documents; create a multiple-page PDF

Time-saving ADF

- Load up to 30 sheets in the automatic document feeder
- Enhances work efficiency and improves productivity



CONVENIENT COPYING

The ability to make copies quickly and conveniently is a tremendous advantage at home or in the office. The PIXMA MX338 & MX328 offer excellent copying capabilities that will make your life so much easier.

New Copy Functions To Enhance Quality & Productivity*

- **Binding Margin Copy** – bind documents without covering text or images on the left side of the page
- **Punch Hole Removal Copy** – eliminates unsightly punch holes from copies
- **Print Date/Page Number Copy** – print the date and/or page number on each copy

*Available only in PIXMA MX338

Gutter Shadow & Frame Erase – Better Looking Copies

- Shadow Erase eliminates “gutter” shadows that often occur in copies made from books and magazines
- Frame Erase enhances copies and saves black ink by removing the black border that sometimes appears on copies from thick sources



Dual Color Gamut Processing – More Faithful Color Reproduction



- Takes into account the type of original (photo or document) and paper (copy, photo or plain)
- Creates optimal balance between color differences and gradation
- Eliminates the differences between original and copies

ORIGINAL



Make a copy

COPY



Make a copy again

SECOND GENERATION COPY



Color Reproduction

Text Readability



SUPER G3 HIGH-SPEED FAXING – FAST & EFFICIENT

Faxing is a great convenience at the office or at home. With the PIXMA MX338 & MX328 you'll enjoy fast, efficient faxing whenever you need it.

- Supports the Super G3 standard for high-speed electronic transmissions
- Fax an A4-size document in approximately three seconds
- Increases productivity and lowers your phone bill



New Security Features

- **Fax Number Re-Entry** – After dialing, sender re-enters number to make sure it's correct
- **Check RX Fax Info** – If dialed number and recipient's number are not the same, faxing is halted
- **Caller Rejection** – Allows user to specify whether to accept or reject certain types of calls
- **Fax Reception Reject** – Allows user to specify whether to accept or reject certain types of faxes

New Extra Fine Mode

- Uses higher resolution when sending faxes so that all details are captured

ADF Faxing – Up To 30 Pages

- Fax several pages at once by loading them into the Automatic Document Feeder
- Holds up to 30 sheets of regular A4 paper for convenient and continuous faxing

Reception Memory

- Stores up to 50 faxed pages in the Memory Reception
- Ensures that you won't miss receiving a fax

Coded Speed Dial

- Stores up to 20 locations using the Coded Speed Dial function
- Fax numbers are easily recalled using letters or numbers from the keypad

Launch
Preview
4pm

Things to Do:

1. Meet Susan at
BCA Building
2. Get Building Permits
3. Print LLA Reports.

Canon



Believe in Teamwork!



PIXMA MX338



PIXMA MX328

MP Navigator EX

MP NAVIGATOR EX – EXPANDED SCANNING CAPABILITIES

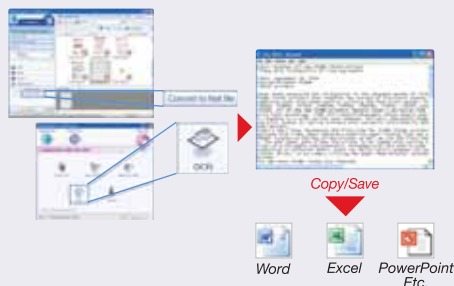
Classifying And Viewing Images In Categories

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



OCR Text Data Conversion

Take text from a scanned image and then use appropriate software to edit, copy, save or e-mail.



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 the check box that enables password for limiting access to PDF files



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

New Album - Easy-PhotoPrint EX

File Edit View Help

EASY-PHOTOPRINT EX – IT'S SO EASY TO DO SO MUCH MORE!

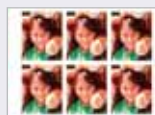
Print Photos Easily

Simply select paper size, layout and then print. Borderless photos are so easy!



Print Fun Photo Stickers

Use photos taken with a digital camera, or any other images, to make one-of-a-kind photo stickers and have fun sticking them anywhere!



Make An Album

Create your very own customized photo album using your favorite images. Just select a layout and the photos you want to include.

Create A Personalised Photo Calendar

Select a layout, dates, colors and fonts then add your best images. Now there are even more layouts and paper sizes from which to choose!



Get Creative With Layout Print

Choose from a variety of paper sizes and layouts. You can even add text to your photos.

Check Out The Library

Access your albums and other projects created with Easy-PhotoPrint EX.

Auto Photo Fix

Auto Photo Fix recognizes the type of photo taken – portrait, scenery, etc – then automatically corrects red eye effect and adjusts color intensity, tone and brightness to provide better looking photo output.

Rotate Objects

Text and images can now be rotated freely so you can get the layout you really want.

Click "Free Rotate" button



FEATURES

PICTBRIDGE CAMERA DIRECT PRINTING – QUICK & CONVENIENT



- Connect any Canon or PictBridge-compatible digital camera or camcorder
- Print high-quality photographs quickly and easily without a computer



WIRELESS PRINTING VIA BLUETOOTH – CONVENIENT CONNECTIONS



- Connect optional BU-30 Bluetooth adapter to print wirelessly from a Bluetooth-enabled camera phone or PDA from up to 10m away



SELF-OPENING PAPER OUTPUT TRAY – NO DELAYS

- Tray opens automatically before every print job
- Eliminates frustrating delays and paper jams

CONVENIENT OPERATION PANEL & TFT COLOR VIEWER* – GREATER CONVENIENCE & CONTROL

- Operation Panel has convenient layout and is easy to operate even when scanning thick books

**Only the PIXMA MX338 features a TFT Color Viewer.*



Model featured:
PIXMA MX328

MORE PRINTING OPTIONS

- Template Print – print ruled lines for notebook and graph paper



QUICK START – READY TO WORK, RIGHT AWAY



- PIXMA MX338 & MX328 start up a few seconds after power is on
- Work more efficiently and increase overall productivity



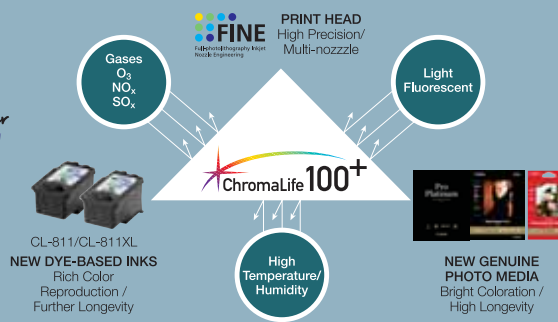
DESIGNED TO FIT IN

- Titanium White Mirror Finish with Matte Black trim is stylish & professional
- Classic “box” design looks smart and requires less of your valuable space
- Ergonomically designed with a convenient operation panel and an ADF that folds flat

CHROMALIFE100+ – IMAGES THAT CAN LAST OVER 300 YEARS!*

- Canon's new dye-based inks and new genuine photo papers work in combination to create brilliant, fade-resistant prints that can last over 300 years!
- Improved gas fastness also enhances print longevity
- New Photo Papers expand the total color area, so photos not only last longer, they also look even better

**Under proper storage conditions. See overleaf for details.*



Business Printing



HR-101N
High Resolution Paper
Business use (e.g. reports
with charts and graphics)
A4

Photo Printing

GLOSSY



PT-101
Photo Paper Pro
Platinum
Ultra-glossy premium-
quality photos
A4, 8x10", 4x6"



PR-201
Photo Paper Pro II
Best quality photos;
longer image life
A4, 8x10", 4x6"



GP-501
Glossy Photo Paper
Economical, everyday
photographs and
snapshots
A4, 4x6"



PP-201
Photo Paper Plus
Glossy II
Affordable paper for
reprints & album prints
A4, 4x6"



PS-101
Photo Stickers
Make fun photo
stickers of all your
favourite photos
16 stickers/pcs

SEMI-GLOSSY



SG-201
Photo Paper Plus
Semi-Gloss
Semi-gloss, satin
surface finish
A4, 8x10", 4x6"

MATTE



MP-101
Matte Photo Paper
Matte surface,
great for art &
craft projects
A4, 4x6"

Ink Cartridges

PG-810
Pigment Black



CL-811
Dye Color



PG-810XL
Pigment Black



CL-811XL
Dye Color



CHROMALIFE100+ PROPER STORAGE CONDITIONS

300-year life in an album:

<Criteria for estimation>

The permanence presented above is estimated using an accelerated dark storage test designed for silver-halide photos (ISO/FD1S18909). 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. Estimates for lightfastness are conducted 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.

20-year gas fastness:

<Criteria for estimation>

Estimates for gas fastness are conducted under the following test conditions: Temperature (24°C) and humidity (60% RH) are controlled in an environment of mixed gases of O₃, NO_x and SO_x. The ratio of the gases is typical to indoor air composition (O₃: NO_x: SO_x = 3: 19: 1) with 100-times concentration in order to accelerate fading.

<Criteria for estimation of print longevity>

Estimates for image permanence are conducted 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>

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.

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.

Specifications

Product Name: PIXMA MX338/MX328

PRINT			
Speed*1	Document: B/W	ESAT	Approx. 7.5ipm
		FSOT	Approx. 37secs
	Document: Color	ESAT	Approx. 4.5ipm
		FSOT	Approx. 70secs
	Photo (4x6")	PP-201 / Borderless	Approx. 45secs
Resolution (dpi)*2			4800 x 1200dpi (max.)
Min. Ink Droplet Size			2pl (min.)
Number of Nozzles			1472
Cartridge Type			PG-810, CL-811 (PG-810XL, CL-811XL Optional)
Printable Width			Up to 203.2mm (8 inches); Borderless: Up to 216mm (8.5 inches)
Recommended Printing Area			Top margin: 31.2mm / Bottom margin: 32.5mm
Applicable Media Sizes			A4, Letter, Legal, A5, B5, Envelopes (DL, COM10), 4x6", 5x7", 8x10"
Borderless Photo			4x6" / 8x10" / A4
SCAN			
Technology			CIS Flatbed Scanner
Optical Resolution	Flatbed		1200 x 2400dpi
	ADF		600 x 600dpi
Selectable Resolution (Flatbed)			19200 x 19200dpi
Line Scanning Speed	Grayscale		1.6ms / line (300dpi)
(Without Data Transfer Time)	Color		4.8ms / line (300dpi)
Scanning Speed*3 (Reflectives)	A4 Color / 300dpi		Approx. 19secs
	A4 B/W / 300dpi		Approx. 8secs
	4x6" Photo / 300dpi		Approx. 8secs
	Grayscale		16/8bit
Scanning Bit Depth	Color		48/24bit (RGB each 16/8bit)
(Input/Output)			TWAIN / WIA (Windows XP / Windows Vista)
Compatibility			Push Scan
Other Features			
COPY			
Speed*4	Document: Color	FCOT	Approx. 31secs
	Document (ADF): B/W	ESAT	Approx. 5.5ipm
		FSOT	Approx. 65secs
	Document (ADF): Color	ESAT	Approx. 2.2ipm
		FSOT	Approx. 120secs
Image Quality			3 Positions (Fast, Standard, High)
Density Adjustment			9 Positions, Auto Intensity (AE Copy)* *Not supported for ADF
Reduction / Enlargement			Fit-to-Page (Not supported for ADF), 25% - 400%
Multiple Copies (Black / Color)			Max. 99 Pages
Borderless Photo (Platen)			4x6" / 5x7" / A4
FAX			
Type			Desktop Transceiver (Super G3 / Color Communication)
Applicable Line			PSTN (Public Switched Telephone Network)
Resolution	Black Text		8pels/mm x 3.85line/mm (Standard), 8pels/mm x 7.7line/mm (Fine),
	Color		300 x 300dpi (Extra Fine)
Modem Speed			200 x 200dpi
Transmission Speed*5			Max. 33.6kbps
	Black Text		Approx. 3sec (33.6kbps)
Compression	Color		Approx. 1min (33.6kbps)
	Black Text		MH, MR, MMR
Gradation	Color		JPEG
	Black Text		256 Levels
ECM (Error Correction Mode)	Color		24bit Full Color (RGB each 8 bit)
Automatic Dialing			ITU-T T.30 Compatible
Transmission / Reception Memory*6	One Touch Speed Dialing		N.A
	Coded Speed Dialing		Max. 20 Locations
	Group Dialing		Max. 19 Locations
Other Features			Approx. 50 Pages
			Memory Transmission, F/T Changing (Manual), Answering Machine Connectivity,
			Remote Reception, Redial, Caller Rejection, Fax Reception Reject,
			Fax Number Re-entry, Check RX Fax Info
PC FAX			
Type			Windows: via FAX modem (in MFP), Mac: N/A
Destination Number, Black / Color			1 Location, B/W transmission only
Camera Direct	Compatible Digital Cameras		"PictBridge" Compliant Digital Cameras, Camcorders and Camera Phones
File Formats	File Formats		JPEG (Exif ver2.2 / 2.21 Compliant)

PAPER HANDLING		
Rear Tray	Plain Paper	A4 = 100
	High Resolution Paper (HR-101N)	A4 = 80
	Photo Paper Pro Platinum (PT-101)	A4 / 8x10" = 10, 4x6" = 20
	Photo Paper Pro II (PR-201)	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
	Envelope	European DL and US Com. #10 = 10
ADF	Plain Paper	A4 = 30
PAPER WEIGHT		
Rear Tray	Plain Paper: 64-105g/m². Canon Specialty Paper: Max. Paper Weight: Approx. 300g/m² (Photo Paper Pro Platinum PT-101)	
SYSTEM REQUIREMENTS		
Windows	2000 SP4 / XP SP2 / Vista	
Macintosh	OS X 10.3.9 – 10.5	
GENERAL		
Display	MX338: LCD (1.8-inch / 4.5cm TFT color / 61K dots) MX328: Full Dot LCD	
Interface	USB 2.0 Hi-Speed, PictBridge, Bluetooth v2.0: Max. Speed 1.44mbps (option, JPEG Only for Mobile Phone, OPP, BIP, HCRP For PC) Canon Solution Menu, MP Navigator EX, Easy-PhotoPrint EX	
Canon Bundled Software	Temperature: 5 – 35°C, Humidity: 10 – 90%RH (No Dew Condensation)	
Operating Environment	Temperature: 0 – 40°C, Humidity: 5 – 95%RH (No Dew Condensation)	
Storage Environment	AC100 – 240V, 50 / 60Hz	
Power	Approx. 47.0dB (A)	
Acoustic Noise*7	Print	Approx. 2.3W
Power Consumption	Standby (Scanning Lamp Is Off)	
	(USB Connection To PC)	Approx. 1W
	OFF (USB Connection To PC)	Approx. 11W
Environment	Copying*8	
	Regulation	RoHS (EU), WEEE (EU), RoHS (China)
	Eco-Label	Energy Star
Weight	8.6kg	
Dimensions (W x D x H)	458 x 410 x 198mm	

Specifications are subject to change without notice.

*1. Print speeds are the averages of ESAT and FSOT in Office Category Test for the default simplex mode, ISO/IEC FCD 24734. (ESAT:excluding time to print the first set.)

Photo print speed is based on the default setting using ISO/IEC FCD N2 on 4x6" Photo Paper Plus Glossy II.

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

*3. Color document scan speed is measured with ISO/IEC FCD 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 turns off.
Scan speed may vary depending on system configuration, interface, software, scan mode settings, document size, etc.

*4. FCOT on plain paper is measured based on the test standard of ISO/IEC FCD 24735 annex D.

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

ADF copy speeds are the averages of ESAT and FSOT in General Performance Test for the default simplex mode, ISO/IEC FCD 24735. (ESAT:excluding time to print the first set.)

ADF copy speed may vary depending on document complexity, copy mode, page coverage, type of paper used etc.

*5. Black & white document fax transmission speed is based on default setting using ITU-T No.1 chart.

Color document fax transmission speed is based on default setting using Canon Color Fax Test Sheet.

Actual transmission speed may vary depending on document complexity, fax settings at receiving end, line conditions, etc.

*6. Page count is based on ITU-T No.1 chart or Canon FAX Standard Chart No.1.

*7. When printing ISO/IEC FCD N2 pattern on 4x6" Photo Paper Plus Glossy II using default settings.

*8. When copying ISO/IEC FCD N2 (printed by inkjet printer) on A4 size plain paper using default settings.





Delighting You Always

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Dealer's Stamp

