THE PIXMA BLACK SERIES

QUALITY, CREATIVITY
& CONVENIENCE

The PIXMA iP4970 is a high-speed, high-quality photo printer that provides a variety of creative printing options for digital images and HD movie stills. It features paper-saving Auto Duplex Printing and an individual ink tank system that reduces ink wastage and an ECO Information screen keeps track of how much paper you save. You'll accomplish so much more with the quality, creativity and convenience of the PIXMA iP4970.

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 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.

1pl Technology

9600dpi Maximum

10x15cm (4x6") borderless **20 sec.** approx.

FINE Full-photolithography Inkjet Nozzle Engineering

ChromaLife **100+**
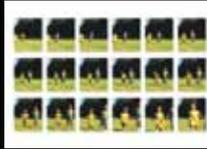
Document Printing
12.5ipm Mono
9.3ipm Color
Measured by ISO / IEC 24734 Standard

5 Single Inks

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

Auto Photo Fix II
Professional photo finish.

Auto Photo Fix II

Original

Auto Photo Fix II

Advanced Media Handling
Auto Duplex Printing, 2-way Paper Feeding* and Direct Disc Print functions.

Auto Duplex Print   **2-way**   **Direct Disc Print**

* Cassette is available only for plain paper.

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

Easy-WebPrint EX

Quiet Mode
Offers near silent operation with straightforward settings.

Camera Direct Printing

PictBridge

High-quality & High-speed
1pl, 9600dpi, 5 colors and ISO Standard speed.

FINE
Full photolithography Inkjet
Nozzle Engineering

5 Single Inks

ChromaLife100+

Canon Creative Park Premium
Explore 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.

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

ADVANCED MEDIA HANDLING

Auto Duplex Printing
Auto Duplex Print

This time and resource saving feature automatically prints on both sides of the paper.

Direct Disc Print / Case Cover Print
Direct Disc Print

Choose from multiple layout and background patterns when printing directly onto a printable CD or DVD. You can also design and print CD case covers.

Auto Photo Fix II
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

2-Way Paper Feeding
2-way

Load up to 150 sheets of plain paper in the rear tray and another 150 in the cassette. Or load two types of paper to avoid delays when switching media.

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.
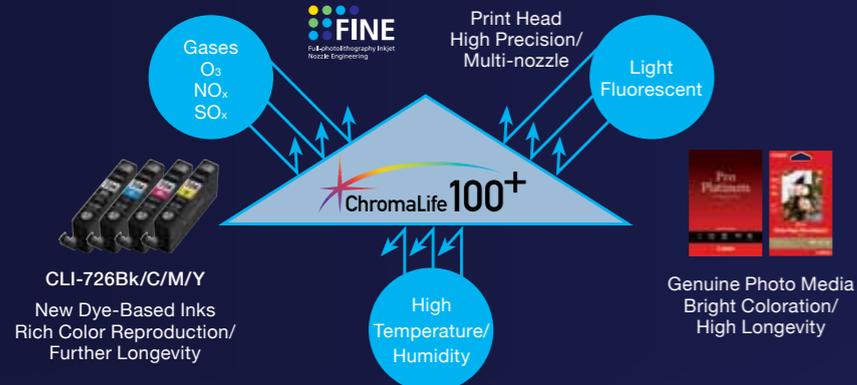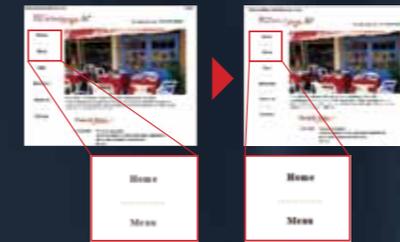
EASY-WEBPRINT EX

Easy-WebPrint EX
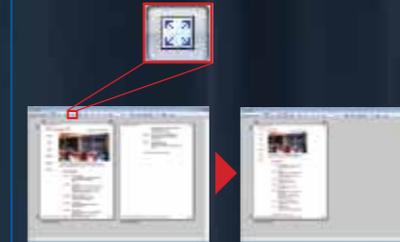
Clip, arrange, edit, resize and print web pages easily.

Improved Legibility
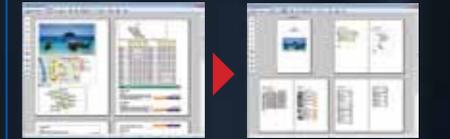Enhance readability by changing gray text to black or increasing font size.

Fit-To-Page
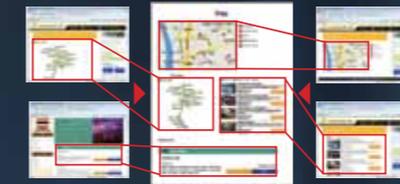With a click, reduce or enlarge content so it fits on one page.

Booklet Print
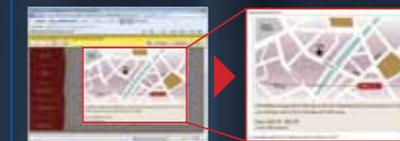Consolidate clipped web content in an A5-sized booklet, printed on both sides.

Clip & Merge
Clip, edit and resize web material; you can insert images stored on your PC before printing.
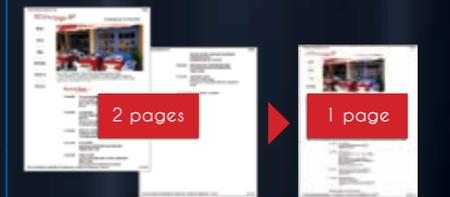
Auto Clip
With a click, clip the main part of the web page for printing.

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

2 pages ▶ 1 page

PictBridge Camera-Direct Printing
PictBridge

Connect any PictBridge-compatible digital camera directly to the PIXMA iP4970 and print brilliant photos without a computer.

ChromaLife100+*

Using Canon's dye-based inks and genuine photo papers, prints can last up to 300 years under proper storage conditions. Image quality is also greatly enhanced.

FINE
Full-photolithography Inkjet Nozzle Engineering

Gases
O₃
NOₓ
SOₓ

Print Head
High Precision/
Multi-nozzle

Light
Fluorescent

ChromaLife 100+

CLI-726Bk/C/M/Y

New Dye-Based Inks
Rich Color Reproduction/
Further Longevity

High
Temperature/
Humidity

Genuine Photo Media
Bright Coloration/
High Longevity

* For proper storage conditions, see specifications for details.

Gas Fastness Approx. **20 years**

Original print

20 years later

No noticeable color change

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 iP4970 features a number of innovations to help create a better environment.
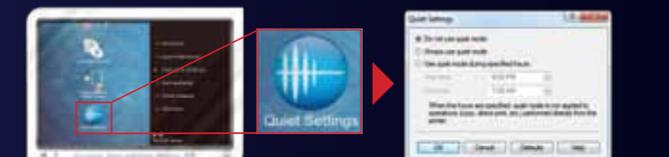
ECO Information NEW!
Know the exact amount paper you've saved and how much you've reduced CO_2 emissions by using Auto Duplex Mode.

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.

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

PGI-725 Pigment Black — **725 PGBK**

CLI-726 Dye Cyan — **726 C**

CLI-726 Dye Magenta — **726 M**

CLI-726 Dye Yellow — **726 Y**

CLI-726 Dye Black — **726 BK**

CREATIVE PARK
PREMIUM

EXCLUSIVE ACCESS!

As the owner of a PIXMA iP4970, 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.

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

Album & Photo Frame
Greeting Card
Calendar
T-Shirt
Postcard
Gallery

PRINT

Maximum Printing Resolution		9600 (horizontal)*¹ x 2400 (vertical) dpi
Print Head / Ink	Type	Individual Ink Cartridge
	Total Number of Nozzles	4,608 nozzles
	Min. Ink Droplet Size	1pl
	Ink Tank	PGI-725 Pigment Black, CLI-726 Cyan / Magenta / Yellow / Black
Print Speed	Document: Color*² ESAT/Simplex	approx. 9.3ipm
	Document: B/W*² ESAT/Simplex	approx. 12.5ipm
	Photo (4x6")*² PP-201/Borderless	approx. 20sec.
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: 3.4mm (LTR / LGL: Left: 6.4mm, Right: 6.3mm)
Recommended Printing Area		Top margin: 40.7mm / Bottom margin: 37.4mm
Paper Size*⁴		A4, A5, B5, LTR, LGL, 4x6", 5x7", 8x10", Envelopes (DL, COM10)
Paper Handling (Rear Tray) (Maximum Number)	Plain Paper	A4, A5, B5, LTR, LGL = 150
	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 = 10
Paper Handling (Cassette) (Maximum Number)	Plain Paper	A4, A5, B5, LTR = 150
Disc Handling (CD-R Tray)	Printable Disc	1 (Manual handling by the CD-R tray)
Support Media for Auto Duplex Printing	Type	Plain Paper (Bordered)
	Size	A4, A5, B5, LTR
Paper Weight	Rear Tray	Plain Paper: 64-105g/m², Canon specialty paper: max paper weight: approx. 300g/m² (Photo Paper Pro Platinum PT-101)
	Cassette	Plain Paper: 64-105g/m²
Ink End Sensor		Optical sensor + Dot count
Print Head Alignment		Auto / Manual

SYSTEM REQUIREMENTS

Windows		Windows XP SP2, XP SP3/Vista SP1, Vista SP2/Windows 7, 7 SP1
Macintosh		Mac OS X v10.4.11 – 10.7

GENERAL SPECIFICATIONS

Interface		USB 2.0 Hi-Speed, PictBridge
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)*⁵		approx. 45.5dB
Power		AC 100-240V, 50/60Hz
Power Consumption	Standby	approx. 0.8W
	Printing*⁶	approx. 18W
Environment	Regulation	RoHS (EU, China), WEEE (EU)
	Eco-Label	Energy Star
Dimension (WxDxH)		approx. 431 x 297 x 153mm
Weight		approx. 5.7kg

Specifications are subject to change without notice.

*1 Ink droplets can be placed with a pitch of 1/9600 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 The paper sizes that can be fed from the cassette are A4, A5, B5 and LTR.

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

*6 When printing ISO/JIS-SCID N2 pattern on A4 size plain paper using default settings.

*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/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 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 70,000 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 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 permanance 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 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-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.

Canon
Delighting You Always

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(Pvt.) Ltd.
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Fax: 94-11-2448 980

Dealer's Stamp

0156W477