

**Canon**

# BJC-2100SP

COLOUR BUBBLE JET PRINTER



High Performance  
at a Low Price



Superb colour printing.

Super fast blacks.

Optional colour scanning.

Dual interface.

# Canon

# A compact, portable, high performance printer at a small price

The Canon BJC-2100SP is small enough to fit into the most restricted spaces making it the perfect printer for the living room or on the office desk. Light and stylish with its smart two tone finish, the BJC-2100SP offers superb high resolution colour, high speed blacks and superior operating economy. Easy to use, with flexibility for Windows® and Mac®.

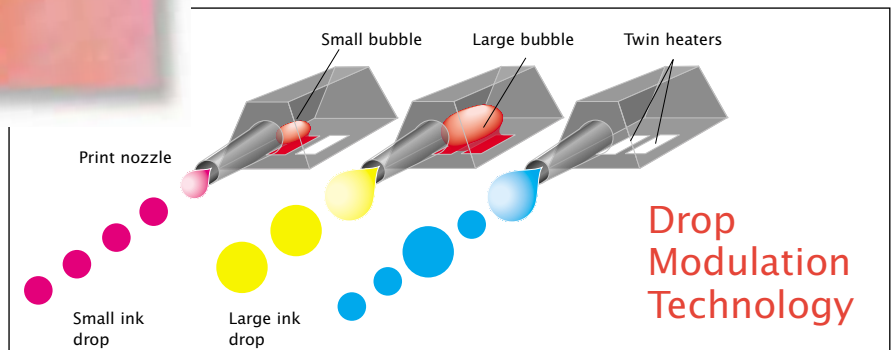
## Canon's exceptional printing gives exceptional results.

The BJC-2100SP offers superb value in black and white and colour printing.

The inks are optimised for plain paper with resolutions up to 720 x 360 dpi that can be automatically enhanced with Drop Modulation Technology.™ Variable drop sizes are placed in any of five "strike pattern" combinations to smooth colour gradations and improve tonal quality.



Drop Modulation Technology uses two heater elements in each print nozzle. The printer automatically chooses which dot "strike pattern" best suits the image's needs for line and colour definition.

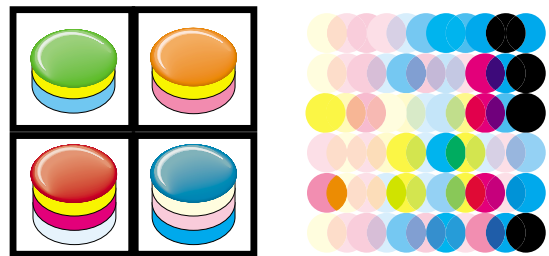


## The PhotoRealism™ gold standard<sup>3</sup>.

Then there are Canon's PhotoRealism™ inks. This option is becoming a gold standard in photo quality printing, especially on glossy photo paper.

**More colour combinations.** Special low-density inks vary the amount of saturation per dot to produce far more colour combinations with greater tonal variety per dot than conventional CMYK inks.

PhotoRealism produces colours between colours.



PhotoRealism inks print in multiple saturation levels per dot to produce up to four times the colour combinations of conventional inks.

## A better way to shade colour.

Canon's patented Drop Modulation Technology was developed to produce smoother colour gradations in areas of subtle changes of shade, and low colour density. The BJC-2100SP makes even more use of this process.

**Dual drop sizes.** The print head uses twin heater elements to produce two different ink drop sizes in all four CMYK colours. This allows it to generate any of five different "strike patterns" on the 720 dpi horizontal axis. The process has now been enhanced to work in Photo Mode on plain paper with standard inks.

**Smoother tones.** The result is smoother colour and tonal gradations and vastly reduced grain. The improvement is especially noticeable in pale shades such as skin tones, and off-whites.



## Manual Duplex, high speed black and white printing.

The BJC-2100SP enables printing on both sides of regular paper. High speed monochrome printing, at up to five pages per minute, allows you to work with maximum efficiency.<sup>1</sup>

## Better internet images.

Internet images are generally low resolution, typically 72 dpi, giving them a "pixelated" look with jagged text. To compensate for this, Canon developed Image Optimiser to smooth text and images, and then print at the highest resolution supported by the printer.

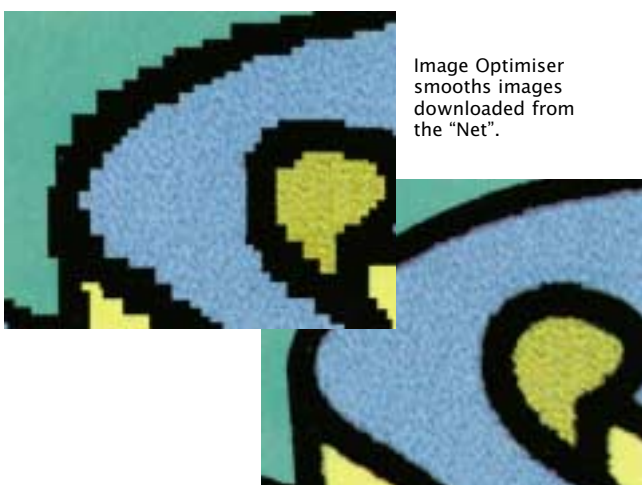
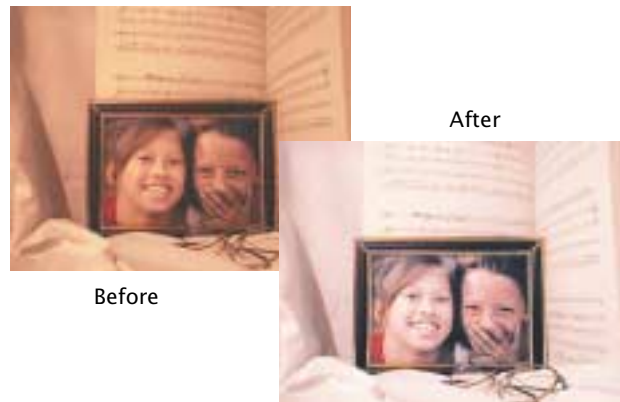


Image Optimiser smooths images downloaded from the "Net".

**Better photographic images.** The BJC-2100SP can also improve a whole range of photographic and digital images. By selecting the Photo Optimiser function you can automatically adjust for defects in exposure, highlights and shadows, without affecting the original file in the computer. The advanced print driver helps you automatically create a variety of artistic effects converting photographs into "illustrations" and black and white photographs into sepia tones.



**Photo optimiser.<sup>5</sup>** The BJC-2100SP includes Photo Optimiser to automatically optimise the tonal range of images taken using digital cameras and to reduce the problem of colour variation in digital camera images has been added.



**Monochrome effects.<sup>5</sup>** Converts standard colour photographs to sepia hues; can also be used to add colours, such as green or blue.



**Simulated illustration.<sup>4</sup>** Converts photographs to illustrations automatically – no need for photo retouching software.

## Dual interface with Mac and PC.



For extra convenience the BJC-2100SP comes standard with a USB<sup>®</sup> interface in addition to a parallel interface, enabling direct connection to Windows<sup>®</sup> 98, Windows<sup>®</sup> 2000 or the Mac<sup>®</sup> OS with USB interface.

Parallel interface (top)  
and USB interface (bottom).

## Turn your printer into a scanner.

The BJC-2100SP is more than just a printer. Simply replace the cartridge with the optional IS-22 scanner cartridge and it becomes a full sheet fed scanner. Now you're free to scan photos, drawings and printed materials at 360 dpi.



## Super economy in colour and black and white.

With its Super Economy mode the BJC-2100SP uses a special resolution matrix to vastly improve operating costs in black and colour without the definition sacrifices common to many draft modes. It effectively quadruples output from both the black and colour cartridges.



## Canon Customer Care.

The BJC-2100SP also features a one year warranty, which can be upgraded to 3 years, and is backed by Canon's Customer Care hotline support. Drivers are also available from the website – [www.canon.com.au](http://www.canon.com.au).



### **A full range of media for every application.**

Plain paper is just the beginning with the BJC-2100SP. It also accepts envelopes, postcards, banner-length paper, overhead transparency film, high gloss film and T-shirt transfers.

# The Ultimate Personal Printer, now with a smart two-tone finish.

**Optional PhotoRealism  
provides printing's  
gold standard.**

**Optional  
colour  
scanning.**

**Superb colour  
printing.**

**High speed blacks  
up to 5 ppm<sup>1</sup>.**

**Dual interface, PC and  
Mac friendly.**

- **Ultra compact design.** Small enough to fit into the most restricted home or office space.
- **Super high resolution.** Prints up to 720 x 360 dpi using Drop Modulation Technology for smoother colour gradations.
- **Extraordinary photo printing.** Optional PhotoRealism provide the gold standard in photographic reproduction.
- **Dual interface.** PC and Mac friendly.
- **Automatic image improvement.** Creates a variety of artistic effects.
- **High speed blacks.** Up to 5 ppm<sup>1</sup>.
- **Optional colour image scanning.** Turns your printer into a high quality scanner.
- **Full range of media.** Plain paper, envelopes, postcards, banner-length paper, transparency film, high gloss film and T-shirt transfers.

# Specifications

# BJC-2100SP

BC-21e Colour  
BJ Cartridge  
(included)



**Printing method**  
**Paper handling**  
**Sheet feeder capacity**

SB-21  
BJ Cartridge  
Container  
(included)



**Paper size**  
**Paper type**

BC-20 Black  
BJ Cartridge  
(optional)



**Plain paper weight**  
**Printing speed<sup>1</sup>**

**Resolution**  
**Print width**

**Resident print control modes**

**Buffer**

**Interface**

**Black BJ cartridge BC-20**

**Colour BJ cartridge BC-21e**

BC-22e  
PhotoRealism<sup>®</sup>  
BJ Cartridge  
(optional)



**Colour BJ cartridge BC-22e Photo**

BCI-21 Black  
Replaceable Black  
Ink Tank



**Acoustic noise level**  
**Operating environment**

**Storage**

**Power source**

**Power consumption**

BCI-21 Colour  
Replaceable Colour  
Ink Tank



**Dimensions**

**Weight**

IS-22  
Scanner Cartridge  
(optional)



Bubble jet ink on-demand

Automatic feed

Plain paper (50 sheets max. (64g/m<sup>2</sup>)), high resolution paper (40 sheets max.), transparencies (20 sheets), envelopes (5 pcs. (U.S. No.10 or European DL)), glossy photo paper (1 sheet), back print film (10 sheets), high floss film (1 sheet), t-shirt transfers (1 sheet), glossy photo card (1 sheet)

B5, A5, A4, Letter, Legal, European DL, U.S. No. 10

Plain paper, bubble jet paper (LC-301), high resolution paper (HR-101), envelopes (U.S. No. 10 or European DL), transparencies (CF-102), back print film (BF-102), glossy photo paper (GP-301), high gloss film (HG-101), glossy photo cards (FM-101), t-shirt transfers (TR-101), banner paper

Automatic feed: 64 to 105 g/m<sup>2</sup> (17 to 28 lb)

Monochrome up to 5ppm (text pattern)  
Colour up to 2 ppm (text and graphics)

720 x 360 dpi

203.2 mm max.

Canon extended mode

54 KB

IEEE 1284 compatible parallel interface / USB interface

**Print head: 128 nozzles**

**Print head: 64 nozzles for black and 24 nozzles each for each colour (cyan, magenta, yellow)**  
Black ink tank BC-21 Black:  
Colour ink tank BCI-21 (cyan, magenta, yellow)

**Print head: 64 nozzles for black and 24 nozzles each for each colour (cyan, magenta, yellow)**  
**Ink: Photo-black, photo-cyan, photo-magenta, yellow**

Approx. 45 dB(A) ISO 9296

**Temperature: 5°C to 35°C (41°F to 95°F)**

**Humidity: 10% to 0% with no condensation**

**Temperature: 0°C to 35°C (32°F to 95°F)**

**Humidity: 5% to 90% with no condensation**

AC 240V, 50Hz

Approx. 2 watts max. when not printing  
Approx. 18 watts max. when printing

370mm W x 191mm D x 164mm H

Approx. 2.4 kg (without cartridge)



PRINTERS DISTRIBUTED BY CANON IN AUSTRALIA COME WITH A SPECIAL WARRANTY CARD. USING IT YOU CAN APPLY TO EXTEND YOUR WARRANTY TO 3-YEARS COVERAGE. FOR MORE DETAILS CALL ANY CANON AUSTRALIA OFFICE LISTED BELOW.

Canon Australia Pty Ltd ABN 66 005 002 951, 1 Thomas Holt Drive, North Ryde NSW 2113 (02) 9805 2000, VIC (03) 9881 0000, ACT (02) 6206 5999, QLD (07) 3214 6000, SA (08) 8201 9100, WA (08) 9347 2222. Canon New Zealand Ltd, Fred Thomas Drive, Takapuna, New Zealand, Auckland (09) 489 0300, Wellington (04) 471 2303, Christchurch (03) 379 0139. <sup>1</sup>Print speed may vary with content of the document and the processing speed of the host computer. <sup>2</sup>USB operation can only be guaranteed on a USB-equipped PC with pre-installed Windows<sup>®</sup>98, Windows<sup>®</sup> 2000 or Mac<sup>®</sup> OS 8.1 or later. <sup>3</sup>Using BC-22e photo cartridge (optional). <sup>4</sup>Supports Windows<sup>®</sup>98, Windows<sup>®</sup> 95, Mac<sup>®</sup> OS 8.1 or later. <sup>5</sup>Supports Windows<sup>®</sup>95, Windows<sup>®</sup>98, Windows NT<sup>®</sup> 4.0, Windows<sup>®</sup> 2000. All company and/or product names are trademarks and/or registered trademarks of their respective manufacturers in their markets and/or countries. Specifications are subject to change without notice.