

TECHNICAL SPECIFICATIONS

PIXMA G4510

GENERAL SPECIFICATIONS

Functions Wi-Fi, Print, Copy, Scan, Fax, Cloud Link

PRINTER SPECIFICATIONS

Print Resolution Up to 4800^[1] x 1200 dpi
Print Technology 2 FINE Cartridges (Black and Colour)
 Refillable ink tank printer
Mono Print Speed Approx. 8.8 ipm^[2]
Colour Print Speed Approx. 5.0 ipm^[2]
Photo Print Speed Borderless 10x15cm: Approx. 60 seconds^[3]
Borderless Printing Yes (A4, Letter, 20x25cm, 13x18cm, 13x13cm, 10x15cm)

CARTRIDGES AND YIELDS

Standard Ink Bottles GI-590 <PGBK>
 GI-590 <C>
 GI-590 <M>
 GI-590 <Y>
Cartridge Yield (Plain paper) A4 colour documents printing^[4]
 Black: 6000 pages*
 Colour: 7000 pages*
 * Estimated supplemental yield
Cartridge Yield (Photo print) 10x15cm colour photo printing^[5]
 Colour: 2000 Photos*
 * Estimated supplemental yield

PAPER SUPPORT

Paper Types Plain Paper
 High Resolution Paper (HR-101N)
 Photo Paper Plus Glossy II (PP-201)
 Photo Paper Pro Luster (LU-101)
 Photo Paper Plus Semi-gloss (SG-201)
 Glossy Photo Paper "Everyday Use" (GP-501)
 Matte Photo Paper (MP-101)
 Envelope
Maximum Paper Input Rear tray: Max. 100 sheets (plain paper)
 ADF: Max. 20 sheets (plain paper)
Paper Sizes A4, A5, B5, 10x15cm, 13x13cm, 13x18cm, 20x25cm,
 Envelopes (DL, COM10), Letter, Legal
Paper Weight Plain paper: 64 - 105 g/m²
 Canon photo paper: up to 275 g/m²

SCANNER SPECIFICATIONS

Scanner Type CIS flatbed photo and document scanner
Scanner Resolution (Optical) 600 x 1200 dpi^[6]
A4 Scan Speed Approx. approx. 19 sec^[7]
Scanning Depth (Input / Output) Colour: 48 bit / 24 bit
 Greyscale: 16 bit / 8 bit
Maximum Document Size A4/LTR (216 x 297 mm)
 ADF: A4, LTR, LGL

COPIER SPECIFICATIONS

Copy Speed sFCOT: Approx. 24 sec^[8]
 sESAT: Approx. 3.5 ipm^[8]
ADF Colour Copy Speed ESAT: Approx 2.5 ipm^[8]
ADF B/W Copy Speed ESAT: Approx 8.0 ipm^[8]
Multiple Copy 99 copies (max.)
Copy Functions Document copying (plain paper), Borderless Copy, 2-on-1 copy, 4-on-1 copy, Collated copy (ADF only), Frame erase copy (Flatbed only), Copy job reservation, ID copy
Copy Zoom 25-400%, Fit to Page
Copy Qualify Settings Draft, Standard, High

FAX SPECIFICATIONS

Fax Type Super G3 / Colour
Fax Resolution Mono: up to 300 x 300dpi
 Colour: 200 x 200 dpi
Fax Speed Mono: approx. 3 sec. (33.6kbps)^[7]
 Colour: approx. 1 min. (33.6kbps)^[7]
Fax Memory Up to 50 pages
Group Dial Max. 19 locations

INTERFACE

Display Type & Size Full dot LCD
Display Languages 32 Languages Selectable: Japanese/English (mm & inch)/German/French/Italian/Spanish/Dutch/Portuguese/Norwegian/Swedish/Danish/Finnish/Russian/Czech/Hungarian/Polish/Slovene/Turkish/Greek/Simplified Chinese/Traditional Chinese/Korean/Indonesian/Slovakian/Estonian/Latvian/Lithuanian/Ukrainian/Romanian/Bulgarian/Croatian/Vietnamese
Interface Type - PC / Mac Hi-Speed USB (B Port)
 Wi-Fi: IEEE802.11 b/g/n
 Wireless LAN Frequency Band: 2.4GHz
 Wi-Fi Security: WPA-PSK, WPA2-PSK, WEP
Interface Type - Other PIXMA Cloud Link (from smartphone or tablet)
 Canon PRINT Inkjet/SELPHY app
 Mopria (Android)
 Apple AirPrint
 Google Cloud Print
 Wireless Direct
 Message In Print app

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SOFTWARE

Supported Operating Systems

Windows 10, Windows 8.1, Windows 7 SP1
.NET Framework 4.5.2 or 4.6 is required
OS X 10.10.5~OS X 10.11, macOS 10.12

Supported Mobile Systems

iOS, Android, Windows 10 Mobile

Minimum System Requirements

Windows: 3.1GB disk space, Internet Explorer 8
Mac: Internet connection, 1.5GB disk space, Safari 5
Display: 1024 x 768 XGA

Software Included

MP Driver including Scanning Utility
My Image Garden with Full HD Movie Print^[9]
Quick Menu
Easy-WebPrint EX (download)^[10]

PHYSICAL FEATURES

Weight

approx. 7.3kg

Dimensions (W x D x H)

approx. 445 x 330 x 197 mm

Acoustic Noise Levels

approx. 45.5dB(A)^[11]

Operating Temperature

5-35°C

Operating Humidity

10-90%RH (no dew condensation)

Power Source

AC 100-240V, 50/60Hz

Power Consumption

Off: Approx. 0.2W
Standby (connected to PC via USB): Approx. 0.9W
(scanning lamp off)
Standby (all parts connected): Approx. 1.6W
(scanning lamp is off)
Time to enter Standby mode: 10minutes 48sec
Copying: Approx. 10W^[12]

Footnotes

^[1] Ink droplets can be placed with a minimum pitch of 1/4800 inch

^[2] A4 document print speed on plain paper is measured based on average of ESAT in Office Category Test of ISO/IEC 24734 standard.

^[3] Photo print speed is based on default driver setting using ISO/JIS-SCID N2 standard on Canon Photo Paper Plus Glossy II and does not take into account data processing time on host computer.

^[4] Page Yield is the estimated value based on Canon individual test method using the ISO/IEC 24712 chart and continuous printing simulation with the replacement after initial setup.

^[5] Page Yield is the estimated value based on Canon individual test method using the ISO/IEC 29103 chart and continuous printing simulation with the replacement after initial setup.

^[6] Optical resolution is a measure of maximum hardware sampling resolution based on ISO 14473 standard. When scanning in high resolution, the maximum scan size is restricted.

^[7] Color document scan speed is measured with ISO/IEC 29183 Target 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 and document size etc.

^[8] 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 warming up time.

^[9] "Full HD Movie Print" is available from movie files created by the Canon digital cameras or Canon digital video cameras. Requires installation of the following software available for the Canon camera from which the movie was captured for Windows Vista. Canon ZoomBrowser EX (version 6.5 or later) or Canon ImageBrowser (version 6.5 or later) : MOV format only. Canon ImageBrowser EX (version 1.0 or later) software : MOV format and MP4 format

^[10] Easy-Web Print EX: Internet Explorer 8, 9, 10 and 11* (for Windows) is required.

^[11] When printing ISO/JIS-SCID N2 pattern on 10x15cm Photo Paper Plus Glossy II using default settings.

^[12] When copying ISO/JIS-SCID N2 (printed by inkjet printer) on A4 size plain paper using default settings.

Standard disclaimers

- All specifications subject to change without notice.
- Print speed may vary depending on system configuration, interface, software, document complexity, print mode, page coverage, type of paper used etc.
- Ink yield may vary depending on texts/photos printed, applications software used, print mode and type of paper used.
For yield information see www.canon-europe.com/ink/yield
- Scan speed may vary depending on system configuration, interface, software, scan mode settings and document size etc.
- 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.
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