



Specifications PowerShot A510

IMAGE SENSOR Type Effective Pixels Colour Filter Type	1/2.5" CCD Approx. 3.2M Primary Colour
IMAGE PROCESSOR Type	DIGIC with iSAPS technology
LENS Focal Length Zoom Maximum f/number Construction	5.8 - 23.2 mm (35mm film equivalent: 35 - 140mm) Optical 4x, digital approx. 3.2x, combined approx. 13x f/2.6 - f/5.5 7 elements in 5 groups (2 aspherical elements)
FOCUSING Type AF System/Points AF Lock AF Assist Beam Manual Focus Closest Focusing Distance	TTL 9-point AiAF, 1-point AF (Fixed centre) On/Off selectable YES YES 5cm
EXPOSURE CONTROL Metering Modes AE Lock Exposure Compensation ISO Speed Equivalent	Evaluative, Centre-weighted average, Spot (centre) Locked when shutter button is pressed half way +/- 2 EV in 1/3 stop increments AUTO, 50, 100, 200, 400
SHUTTER Speed	15 - 1/2,000 sec (Slow Shutter speeds of 1.3 sec. and more, available in Manual and Shutter Priority AE modes only. Shutter speeds of 1.3 sec. and more operate with noise reduction. Certain combinations of shutter speed and aperture may not be available.)
WHITE BALANCE Type Settings	TTL Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom
VIEWFINDER Viewfinder	Real-image zoom optical viewfinder
LCD MONITOR Monitor Coverage	1.8" P-Si TFT, approx. 115,000 pixels 100%
FLASH Modes Slow Sync Speed Red-eye Reduction Built-in Flash Range External Flash	Auto, Manual Flash On/Off YES YES 45cm-3.5m (W) / 2.2m (T) (at ISO AUTO equivalent) Canon's High Power Flash
SHOOTING Modes Photo Effects Drive Modes Continuous Shooting	Auto, Program AE, Shutter priority AE, Aperture priority AE, Manual, Portrait, Landscape, Night Scene, Fast Shutter, Slow Shutter, Stitch Assist, Movie, Special scene mode (Foliage, Snow, Beach, Fireworks, Underwater, Indoor, Kids & Pets, Night Snapshot). Vivid, Neutral, Low Sharpening, Sepia, Black & White Single, Continuous, Self-Timer Approx. 2.3 fps ¹ (speed maintained for up to 12 images) ²
RECORDING PIXELS/ COMPRESSION Image Size Compression Movies Movie Length	(L)2048 x 1536, (M1)1600 x 1200, (M2)1024 x 768, (S)640 x 480, Postcard Date Imprint Superfine, Fine, Normal (L)640 x 480, 10fps; (M)320 x 240, (S)160 x 120, 15fps Up to 30 sec (640x480) ² ; Up to 3 mins (320x240, 160x120) ²
FILE FORMAT Still Image Format	JPEG (Exif 2.2 [Exif Print] compliant) / Design rule for Camera File system, Digital Print Order Format [DPOF] Version 1.1 compliant

FILE FORMAT (CONT.) Movies Sound Files	AVI [Motion JPEG + WAVE (monaural)] WAVE (monaural)
DIRECT PRINT Canon Printers PictBridge My Camera Sound Memo Intelligent Orientation Sensor Histogram Playback Zoom Self Timer Menu Languages	Canon SELPHY Compact Photo Printers and Pixma Printers supporting PictBridge (iD Photo Print, Movie Print supported on SELPHY CP printers only) YES Start-up image and camera sounds customisation Up to 60 sec per image YES YES Approx. 2x-10x Approx. 2 or 10 sec or Custom English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified Chinese, Chinese (traditional), Japanese, Russian, Portuguese, Korean, Greek, Polish, Czech, Hungarian, Turkish
INTERFACE Computer Other	USB (Mini-B, PTP) A/V output (PAL/NTSC)
MEMORY CARD Type	Secure Digital (SD) Card or MultiMediaCard, 16MB MultiMediaCard supplied
SUPPORTED OPERATING SYSTEM PC Macintosh	Windows 98SE / Me / 2000 SP4 / XP / XP SP1-2 OS X v10.1.5 - 10.3
SOFTWARE Browsing & Printing Other Drivers Image Manipulation	ZoomBrowser EX (PhotoRecord) / ImageBrowser PhotoStitch, RemoteCapture TWAIN (Windows 98 / 2000), WIA (Windows Me) ArcSoft PhotoStudio
POWER SOURCE Batteries Battery Life A/C Power Supply	2x Size-AA Alkaline or NiMH Batteries (Alkalines supplied) Approx. 80 shots ³ Approx. 300 shots (with optional Canon NB-2AH batteries) ³ Approx. 180 min. playback (with supplied batteries) Approx. 300 min. playback (with Canon NB-2AH batteries) Optional, AC Adapter Kit ACK800
ACCESSORIES Case Waterproof/ Weatherproof Case Lenses Flash Power Supply & Battery Chargers	Soft Case DCC-80 Waterproof Case (40m) WP-DC60, Waterproof Case Weights WW-DC1 Tele-converter 1.75x TC-DC52A, Wide Converter 0.7x WC-DC52, Close-up Lens 250D (52mm), Conversion Lens Adapter LA-DC52F High Power Flash HF-DC1 Battery Charger Kit CBK4-200, Ni-MH Batteries NB4-200, AC Adapter Kit ACK800
PHYSICAL SPECIFICATIONS Operating Environment Dimensions (WxHxD) Weight (body only)	0-40°C, 10-90% humidity 90.7 x 64.0 x 38.4mm (excluding protrusions) Approx. 180g

¹ Large/Fine with LCD monitor off

² Depending on memory card speed/capacity

³ Based on the CIPA Standard and using the batteries and memory card format supplied with the camera, except where indicated

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3.2
MEGA
PIXELS

4x
OPTICAL
ZOOM

DIGIC

iSAPS

9 point
AiAF

Special
Scene
Mode

5cm
2in.
macro

Movie
VGA

Designed for
Microsoft®
Windows® XP

Intelligent
Orientation Sensor

PictBridge

DIRECT
PRINT

Print/Share
BUTTON

CANON
IMAGE
GATEWAY

MultiMediaCard

Exif Print

DPOF

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