PowerShot A310-NEW

Product Specification

Type	1/2.7" CCD
Effective Pixels	Approx.3.2M
Total Pixels	Approx.3.3M
Aspect Ratio	4:3
Colour Filter Type	Primary Colour
Type	DIGIC with iSAPS technology
Focal Length	5.0 mm (35mm film equivalent: 33 mm)
Zoom	Digital approx. 5.1x
Maximum f/number	f/3.6
Construction	5 elements in 5 groups (1 aspherical element)
Type	TTL
AF System / Points	5-point AiAF, 1-point AF (centre)
Selected AF Point Display	Indicated on rear LCD panel
AF Lock	Locked when shutter button is pressed half way
AF Assist Beam	Yes
Closest Focusing Distance	5cm
Metering Modes	Evaluative, Centre-weighted average, Spot (centre)
Exposure Compensation	+/- 2 EV in 1/3 stop increments
ISO Speed Equivalent	AUTO, 50, 100, 200, 400
Type	Mechanical shutter & Electronic shutter
Speed	1 – 1/2,000 sec (Slow Shutter speeds of 1/6 sec and more operate with Slow Synchro mode or with the flash off in Manual mode. Shutter speeds of 1/6 sec. and more operate with noise reduction).
Type	TTL
Settings	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom
Type	sRGB
Viewfinder	Optical viewfinder
Eyepoint	16mm
Monitor	1.5" P-Si TFT, approx. 78,000 pixels
Coverage	100%
Modes	Auto, Manual Flash On / Off
Slow Sync Speed	Yes
Red-eye Reduction	Yes
Built-in Flash Range	20cm-2.0m (at ISO AUTO equivalent)
Modes	Auto, Manual, Stitch Assist, Movie
Photo Effects	Vivid, Neutral, Low Sharpening, Sepia, Black & White
Drive Modes	Single, Continuous
Continuous Shooting	Approx. 2.2 fps[1] (speed maintained for up to 12 images)[2]
Image Size	(L)2048 x 1536, (M1)1600 x 1200, (M2) 1024 x 768, (S)640 x 480
Compression	Superfine, Fine, Normal
Movies	(L)640 x 480, (M)320 x 240, (S)160 x 120, 15fps
Movie Length	Up to 30sec 640 x 480[2] Up to 3 mins 320 x 240, 160 x 120[2]
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
Movies	AVI [Motion JPEG + WAVE (monaural)]

Sound Files	WAVE (monaural)
Canon Printers	Canon Compact Photo Printers and Bubble Jet Printers with the direct print function. (ID Photo Print, Movie Print supported on CP printers only)
PictBridge	Yes
My Camera	Start-up image and camera sounds customisation
Sound Memo	Up to 60 sec per image
Histogram	Yes
Playback Zoom	2x − 10x
Image Erase Protection	Single image
Image Erase	Single image, All
Self Timer	Approx. 2 or 10 sec.
Menu Categories	(1) Recording Menu (2) Playback menu (3) Set-up menu (4) My camera menu (5) Function menu
Menu Languages	English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified Chinese, Japanese
Firmware Update	Update possible by the user.
Computer	USB (Mini-B, PTP)
Type	CompactFlash Type I
PC	Windows 98(including SE) / 2000 / Me / XP
Macintosh	OS 9.0 − 9.2, OS X v10.1 / v10.2
Browsing & Printing	ZoomBrowser EX (PhotoRecord) / ImageBrowser
Other	PhotoStitch
Drivers	TWAIN (Windows 98 / 2000), WIA (Windows Me)
Image Manipulation	ArcSoft PhotoImpression, ArcSoft VideoImpression
Batteries	2x Size-AA Alkaline or NiMH Batteries (Alkalines supplied)
Battery Life	Alkaline batteries: Approx. 75 shots (LCD monitor on) Approx. 250 shots (LCD monitor off) NiMH (NB-2AH) batteries: Approx. 350 shots (LCD monitor on) Approx. 950 shots (LCD monitor off) Approx. 90 min. (Playback)
Power Saving	Power turns off after 10, 20, 30sec. 1, 2, 3mins.
AC Power Supply	Optional, AC adapter kit ACK800
Case	Soft Case SC-PS900
Power Supply & Battery Chargers	Battery Charger Kit CBK-100, CBK4-200, Compact Power Adapter CA-PS800
Body Materials	Plastic
Operating Environment	0 − 40 °C, 10 − 90% humidity
Dimensions	110.0 x 58.0 x 36.6 mm
Weight (body only)	Approx. 175g

Continuous Shooting	· Large/Fine with LCD monitor off
Movie Length	² Depending on memory card speed & capacity

All data is based on Canon standard testing methods.
Subject to change without notice.