

## PowerShot A470 - FEB 08

### Product Specification

Type	1/2.5" CCD
Effective Pixels	Approx.7.1M
Colour Filter Type	Primary Colour
Type	DIGIC III with iSAPS technology
Focal Length	6.3 - 21.6 mm (35mm equivalent: 38 – 132mm)
Zoom	Optical 3.4x. Digital approx. 4x <sup>2</sup> (with Digital Tele-Converter approx. 1.5x or 1.9x and Safety Zoom <sup>1</sup> ) <sup>2</sup> . Combined approx. 14x
Maximum f/number	f/3.0 - f/5.8
Construction	7 elements in 6 groups (1 aspherical element)
Type	TTL
AF System / Points	AiAF (Face Detection / 9-point), 1-point AF (fixed centre or Face Select and Track)
AF Lock	Locked when shutter button is pressed half way
AF Assist Beam	Yes
Closest Focusing Distance	1cm (W) from front of lens in Super Macro
Metering Modes	Evaluative (linked to Face Detection AF frame), Centre- weighted average, Spot (centre)
AE Lock	Locked when shutter button is pressed half way
Exposure Compensation	+/- 2 EV in 1/3 stop increments
ISO Sensitivity*	AUTO, High ISO Auto (incorporating Motion Detection Technology), 80, 100, 200, 400, 800, 1600
Speed	1/60 - 1/2000 sec (factory default) 15 - 1/2000 sec (total range - varies by shooting mode)
Type	TTL
Settings	Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom
Monitor Coverage	2.5" TFT, approx. 115,000 dots 100%
Modes	

	Auto, Manual Flash On / Off
Slow Sync Speed	Yes
Red-eye Reduction	Yes
Built-in Flash Range	30cm - 3.0m (W) / 2.0m (T)
External Flash	Canon High Power Flash HF-DC1
Modes	Auto, Manual, Super Macro, Movie, Special Scene (Portrait, Night Snapshot, Kids & Pets, Indoor, Sunset, Foliage, Snow, Beach, Fireworks, Aquarium)
Drive Modes	Single, Self-Timer
Continuous Shooting	Approx. 1.9 shots/sec. <sup>1</sup> (until the memory card is full) <sup>2</sup>
Image Size	(L) 3072 x 2304, (M1) 2592 x 1944, (M2) 2048 x 1536, (M3, Date Stamp) 1600 x 1200, (S) 640 x 480, (W) 3072 x 1728. Resize in playback (M3, S, 320 x 240)
Compression	Superfine, Fine, Normal
Movies	(L)640 x 480, 20fps/20fps(LP) (M)320 x 240, 30fps, (S)160 x 120, 15fps
Movie Length	Up to 4GB or 1 hour (L and M) <sup>1</sup> Up to 3 mins (S) <sup>1</sup>
Still Image Type	JPEG compression, (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 compression]
Sound Files	WAVE (monaural)
Canon Printers	Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge (ID Photo Print, Fixed Size Print and Movie Print supported on SELPHY CP & ES printers only)
PictBridge	Yes
Red-Eye Correction	Yes, during shooting and playback
My Category	Image tagging feature
Sound Memo	Up to 60 sec per image
Intelligent Orientation Sensor	Yes
Histogram	Yes
Playback Zoom	Approx. 2x – 10x
Self Timer	Approx. 2 or 10 sec. or Custom
Menu Languages	English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified Chinese, Chinese (traditional), Japanese, Russian,

Portuguese, Korean, Greek,  
Polish, Czech, Hungarian,  
Turkish, Thai, Arabic, Ukrainian,  
Romanian

Computer	USB (Mini-B, MTP, PTP)
Other	A/V output (PAL/NTSC)
Type	SD, SDHC, MMC, MMCplus, HC MMCplus. 32MB memory card supplied
PC Macintosh	Windows 2000 SP4 / XP SP2 / Vista Mac OS X v10.3 - 10.4
Browsing & Printing	ZoomBrowser EX / ImageBrowser
Other	PhotoStitch
Drivers	TWAIN (2000)
Batteries	2x Size-AA Alkaline or NiMH Batteries (Alkalines supplied)
Battery Life	Approx. 150 shots <sup>1</sup> (with supplied batteries) Approx. 400 shots (with optional Canon NB-3AH batteries) <sup>1</sup> Approx. 360 min. playback (with supplied batteries) Approx. 480 min. playback (with Canon NB-3AH batteries)
AC Power Supply	Optional, AC Adapter Kit ACK800
Case	Soft Case DCC-450
Flash	High Power Flash HF-DC1
Power Supply & Battery Chargers	Battery Charger Kit CBK4-300, Ni-MH Batteries NB4-300, AC adapter kit ACK800
Operating Environment	0 – 40 °C, 10 – 90% humidity
Dimensions	104.8 x 55.1 x 40.7mm
Weight (body only)	Approx. 165g

Zoom

<sup>1</sup> Depending on the image size selected  
<sup>2</sup> Digital zoom available for still image and standard  
movie modes only. Optical zoom may not be available  
during movie recording

Continuous Shooting

<sup>1</sup> Under conditions where the flash does not fire

<sup>2</sup> Depending on memory card speed / capacity

Movie Length

<sup>1</sup> Depending on memory card speed / capacity

Battery Life

<sup>1</sup> Using the batteries and memory card format  
supplied with the camera, except where indicated

All data is based on Canon standard testing methods (according to CIPA Standards) except  
where indicated.

Subject to change without notice.

\* Standard Output Sensitivity / Recommended Exposure Index. According to ISO 12232:2006  
(20th April 2006)

which specifies the method for assigning and reporting ISO speed ratings for digital still  
cameras.