

DIGITAL CAMERA		PowerShot A470
IMAGE SENSOR		
Type	1/2.5" CCD	
Effective Pixels	Approx. 7.1M	
Colour Filter Type	Primary Colour	
IMAGE PROCESSOR		
Type	DIGIC III with iSAPS technology	
LENS		
Focal Length	6.3 - 21.6 xmm (35mm equivalent: 38 - 132mm)	
Zoom	Optical 3.4x, Digital approx. 4x (2) (with Digital Tele-Converter approx. 1.5x or 1.9x and Safety Zoom (1))(2). Combined approx. 14x	
Maximum f/number	f/3.0 - f/5.8	
Construction	7 elements in 6 groups (1 aspherical element)	
FOCUSING		
Type	TTL	
AF System/ Points	AI/AF (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	
EXPOSURE CONTROL		
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 (3)	AUTO, High ISO Auto (incorporating Motion Detection Technology), 80, 100, 200, 400, 800, 1600	
SHUTTER		
Speed	1/60 - 1/2000 sec (factory default) 15 - 1/2000 sec (total range - varies by shooting mode)	
WHITE BALANCE		
Type	TTL	
Settings	Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom	
LCD MONITOR		
Monitor	2.5" P-Si TFT, approx. 115,000 dots	
Coverage	100%	
FLASH		
Modes	Auto, Manual Flash On / Off	
Slow Sync Speed	Yes	
Red-Eye Reduction	Yes	
Built-in Flash Range	3.0cm - 3.0m (W) / 2.0m (T)	
External Flash	Canon High Power Flash HF-DC1	
SHOOTING		
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.(6) (until the memory card is full)(7)	
RECORDING PIXELS / COMPRESSION		
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(LF) (M) 320 x 240, 30fps, (S) 160 x 120, 15fps	
Movie Length	Up to 4GB or 1 hour (L and M) (7) Up to 3 mins (S) (7)	
FILE TYPES		
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)	
DIRECT PRINT		
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	
OTHER FEATURES		
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	
INTERFACE		
Computer	USB (Mini-B, MTP, PTP)	
Other	A/V output (PAL/NTSC)	
MEMORY CARD		
Type	SD, SDHC, MMC, MMCplus, HC MMCplus, 32MB memory card supplied	
SUPPORTED OPERATING SYSTEM		
PC & Macintosh	Windows 2000 SP4 / XP SP2 / Vista Mac OS X v10.3 - 10.4	
SOFTWARE		
Browsing & Printing	ZoomBrowser EX / ImageBrowser	
Other	PhotoStitch	
Drivers	TWAIN (2000)	
POWER SOURCE		
Batteries	2x Size-AA Alkaline or NiMH Batteries (Alkalines supplied)	
Battery life	Approx. 150 shots (8) (with supplied batteries) Approx. 400 shots (with optional Canon NB-3AH batteries) (8) Approx. 360 min. playback (with supplied batteries) Approx. 480 min. playback (with Canon NB-3AH batteries)	
A/C Power Supply	Optional, AC Adapter Kit ACK800	
ACCESSORIES		
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	
PHYSICAL SPECIFICATIONS		
Operating Environment	0 - 40 °C, 10 - 90% humidity	
Dimensions (WxHxD)	104.8 x 55.1 x 40.7mm	
Weight (body only)	Approx. 165g	

All data is based on Canon standard testing methods (according to CIPA Standards) except where indicated.
Subject to change without notice.

(1) Depending on the image size selected

(2) Digital zoom available for still image and standard movie modes only. Optical zoom may not be available during movie recording

(3) 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.

(4) Not all functions of the flash are supported

(5) Recording pixels fixed at 1600 x 1200

(6) Under conditions where the flash does not fire.

(7) Depending on memory card speed / capacity

(8) Using the batteries and memory card format supplied with the camera, except where indicated.