



PowerShot A490
Specification Sheet

IMAGE SENSOR

	Type	1/2.3 type CCD
	Effective Pixels	Approx.10.0M
	Colour Filter Type	Primary Colour

IMAGE PROCESSOR

	Type	DIGIC III with iSAPS technology
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LENS

	Focal Length	6.6 - 21.6 mm (35mm equivalent: 37 - 122mm)
	Zoom	Optical 3.3x. Digital approx. 4x [2] (with Digital Tele-Converter approx. 1.4x or 2.3x and Safety Zoom [1])[2]. Combined approx. 13x
	Maximum f/number	f/3.0 - f/5.8
	Construction	7 elements in 6 groups (1 single sided aspherical lens)

FOCUSING

	Type	TTL
	AF System/ Points	AiAF (Face Detection / 5-point), 1-point AF (fixed centre)
	AF Modes	Single
	AF Point Selection	Size (Normal, Small)
	AF Lock	On/Off Selectable
	AF Assist Beam	Yes
	Closest Focusing Distance	1cm (W) from front of lens in macro

EXPOSURE CONTROL

	Metering Modes	Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (centre)
	AE Lock	On/Off Selectable
	Exposure Compensation	+/- 2 EV in 1/3 stop increments
	ISO Sensitivity	AUTO, 80, 100, 200, 400, 800, 1600

SHUTTER

	Speed	1 - 1/2000 sec (factory default) 15 - 1/2000 sec (total range - varies by shooting mode)
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WHITE BALANCE

	Type	TTL
	Settings	Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom

LCD MONITOR

	Monitor Coverage	6.2cm (2.5") TFT, approx. 115,000 dots Approx. 100%
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FLASH

	Modes	Auto, Manual Flash On / Off, Slow Synchro
	Slow Sync Speed	Yes. Fastest speed 1/2000 sec
	Red-Eye Reduction	Yes
	Flash Exposure Compensation	Face Detection FE, Smart Flash Exposure
	Flash Exposure Lock	Yes
	Built-in Flash Range	30cm - 3.0m (W) / 2.0m (T)
	External Flash	Canon High Power Flash HF-DC1

SHOOTING		
	Modes	Auto*, P, Movie, Special Scene (Portrait, Night Snapshot, Kids & Pets, Indoor, Low Light (2.0MP), Beach, Foliage, Snow, Sunset, Fireworks, Long Shutter) *with Scene Detection Technology and Motion Detection Technology
	Photo Effects	My Colors (My Colors Off, Vivid, Neutral, Sepia, Black & White, Custom Color (limited))
	Drive Modes	Single, Continuous, Self-Timer
	Continuous Shooting	Approx. 0.9 shots/sec.[6] (until the memory card is full)[7]
RECORDING PIXELS / COMPRESSION		
	Image Size	(L) 3648 x 2736, (M1) 2816 x 2112, (M2) 2272 x 1704, (M3, Date Stamp) 1600 x 1200, (S) 640 x 480, (W) 3648 x 2048. Resize in playback (M3, S, 320 x 240)
	Compression	Fine, Normal
	Movies	(L)640 x 480, 30fps/30fps(LP) (M)320 x 240, 30fps
	Movie Length	Up to 4GB or 1 hour (L and M) [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]
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
	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, Farsi
INTERFACE		
	Computer	Hi-Speed USB (MTP, PTP) dedicated connector (Mini-B compatible)
	Other	A/V output, dedicated connector (PAL/NTSC)
MEMORY CARD		
	Type	SD, SDHC, SDXC, MMC, MMCplus, HC MMCplus.
SUPPORTED OPERATING SYSTEM		
	PC & Macintosh	Windows 7/ Vista SP1-2/ XP SP2-3 Mac OS X v10.4 - 10.6
SOFTWARE		
	Browsing & Printing	ZoomBrowser EX / ImageBrowser
	Other	PhotoStitch

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. 480 min. playback (with supplied batteries) Approx. 600 min. playback (with Canon NB-3AH batteries)
	A/C Power Supply	Optional, AC Adapter Kit ACK800
ACCESSORIES		
	Case	Soft Case DCC-480
	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)	93.5 x 61.7 x 30.6 mm
	Weight	Approx. 175g (including battery/batteries and memory card)

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.

[6] Under conditions where the flash does not fire.

[7] Depending on memory card speed / capacity / compression setting.

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