

Slim and compact body without compromise, a bright 2.0 lens and high sensitivity CCD for amazing results

Powerful

At a mere 175 grams, the Canon PowerShot S90 IS, is packed full of features. With a 10.0 megapixels High-Sensitivity CCD sensor offering amazing low light capability, a bright 2.0 lens and complete creative control you're only one click away from the perfect shot.

The new High-Sensitivity CCD Sensor coupled with Canon's DIGIC 4 Processor delivers outstanding image quality by dramatically reducing image noise. Shooting at high shutter speeds produces images with even less camera shake and a new low light mode adjusts ISO to shooting conditions from ISO 320 to maximum ISO 12800.



Key Features

Precision image quality

- 10.0 megapixels with High-Sensitivity CCD
- Bright f/2.0 lens
- 28mm wide angle lens
- Genuine Canon 3.8x Optical Zoom lens
- RAW recording
- DiGIC 4 Processor
- Low light mode
- Intelligent Auto
- Intelligent Contrast Correction
- Servo AF/AE
- ISO 3200

Perfect portraits of family & friends

- Face Detection and Selector
- Face Detection Self-timer
- Red-eye Correction
- Blink Detection

Explore Digital photography

- 3.0" LCD screen with wide viewing angle (High resolution 461,000 dots)
- 5cm macro shooting
- High Speed Shooting
- Servo AF for continuous focusing of moving subjects
- Full creative control



10.0 MEGA
PIXELS
HIGH-SENSITIVITY
CCD

Quality images

10.0 megapixels with High Sensitivity CCD for better noise reduction delivering outstanding quality images in low light

**Dual
Anti-Noise
System**

Dual Anti-Noise System

Expand the range of shooting situations by reducing noise and highlight blowouts, preventing blurring and making low light shooting possible

28-105mm*
F2.0-4.9
*35mm equivalent

Wide-angle lens

28mm wide-angle lens allows you to shoot beautiful landscapes or capture great group shots

RAW

RAW Recording

RAW image recording giving you the highest image quality with complete flexibility during processing

**OPTICAL
IMAGE
STABILIZER**

Image stability

Optical Image Stabilizer for crisp shots even at high zoom or in low-light conditions without flash

3.0"
LCD

Sharper Previews

High resolution 3.0 inch LCD screen with wide angle viewing (461,000 dots)

Low Light

Low Light Mode

Ensures perfect shots are captured even in low lit scenarios

M
Manual

Manual Control

Get creative with your photography and enjoy full flexibility with manual control

Control Ring

Control Ring

A new feeling in a compact camera with the control ring allowing increased operability

Tru capture



Optical
Image
Stabilizer



DiGIC
Colour
Processor



Intelligent
Auto
Technology

PowerShot S90 IS Technical Specifications

Sensor / Image Processor	
Effective Number of Pixels	Approx. 10.0 MP High Sensitivity CCD
Size / Filter Array	1/1.7 inch / Primary colour filter (Bayer)
Processor	DiGiC 4
Aspect Ratio	4:3
Lens	
Focal Length (optical)	6.0 (W) – 22.5 (T) mm
35mm film equivalent	28 (W) – 105 (T) mm
f/number	f/2.0 – 8.0 (W), f/4.9 – 8.0 (T)
Shutter Speed	1 – 1/1600 sec.
Zoom	Optical approx 3.8x; Digital approx 4x
Image Stabilizer	Optical (Lens Shift Type) approx 4 steps
Shooting Functions	
AF System	TTL Autofocus (Single / Continuous), Manual
Focusing Frame	Face Detect with movie support ^{1,2} , Center ³ , Flexizone
Face Detection	Auto Focus, Auto Exposure, White Balance, Flash Exposure, Auto Red-Eye correction, Auto Focus Point Zoom, Face Self Timer ⁴
Other Shooting Functions	Servo AF, i-Correction, Auto Focus Assist Beam, Auto Focus Lock
Range	Normal: 50cm – infinity, Macro: (W) 5cm – 50cm , (T) 30cm – 50cm
Continuous Shooting (Large/Fine)	Approx 1.4 shots/sec; AF Approx 0.7 shots/sec; LV Approx 0.8 shots/sec
Self-timer	Approx. 10 sec or 2 sec delay, custom, Face Self-Timer ⁴
Control/Balance	
Light Metering Method	Evaluative ⁵ , Center-weighted average, Spot ⁶
Exposure Control Method	Program AE, AE Lock available, Manual, iContrast available, Program Shift, Safety Shift
Exposure Compensation	± 2 stops in 1/3-stop increments
Sensitivity (Equivalent Film Speed)	Auto ⁷ , ISO 80/100//125/160/200/250/320/400/500/640/800/1000/1250/1600/2000/2500/3200
White Balance Modes	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Flash, Underwater, Custom
Viewfinder / LCD Screen	
Viewfinder	-
LCD Screen	3.0 inch colour LCD monitor with wide viewing angle (approx 461,000 dots)
Flash	
Flash Modes	Auto, on, off, Red Eye Correction, Red Eye Reduction, Slow Synchro, Second Curtain Synchro, FE Lock, Safety FE
Flash Range	50cm – 6.5m (W), 50cm – 2.5m (T)
Flash Exposure Compensation	±2 stops in 1/3-stop increments
External Flash Support	No
Selectable Shooting Modes	
Shooting Modes	Intelligent Auto (with Scene Detection, P (Program), Tv (Shutter Priority), Av (Aperture Priority), M (Manual), C (Custom), Low Light, Special Scene (Portrait, Landscape, Night Snapshot, Kids & Pets, Indoor, Sunset, Night Scene, Firework, Beach, Underwater, Aquarium, Foliage, Snow, Color Accent, Color Swap, Nostalgic, Stitch Assis), Movie
My Colours	Vivid, Neutral, Sepia, Black & White, Positive Film, Lighter Skin Tone, Darker Skin Tone, Vivid Blue, Vivid Green, Vivid Red, Custom Color
Image Recording Format	
Still image	JPEG Compression (EXIF 2.2 Compliant), RAW (CR2 (Canon Original))
Colour Space and Compression	sRGB; Superfine, Fine, Normal
Movies	MOV (Image Data: H.264; Audio Data: Linear PCM monaural)
Recording Pixels and recording capacity on a 2GB card	
Still Images and Capacity (at Fine Image Setting)	Large: 3648 x 2736 (749), Medium 1: 2816 x 2112 (1181), Medium 2: 2272 x 1704 (1707), Medium 3: 1600 x 1200 (3235), Small: 640 x 480 (10245), Widescreen: 3648 x 2048 (1007), RAW: 3648 x 2736 (135)
Movie Frame Rate	640 x 480 30fps (23min 49sec), 320 x 240 30fps (1hr 13min 10sec)
Other Operations	
Playback Operations	Blink Detection, Red-eye Correction, Slideshow, My Category, Index, Resize, Resizing of widescreen images, Magnified, Image Inspection Tool, Advancing and Reversing through magnified images, Jump, Auto Rotate, Rotate, Histogram, Overexposure Warning, Auto Play
File Operations	DPOF - Print Order/Image transfer; Movie - unnecessary scenes can be erased; Recording Length per Clip - until file size reaches 4GB ⁹
Direct Printing, PictBridge	Yes ¹⁰
Interface	
Supported Operating Systems	PC: Windows XP SP2/SP3, Vista incl SP1/SP2; Mac: OS X v10.4- v10.5
Computer I/F	USB 2.0 Hi-Speed (mini-B compatible), HDMI mini connector
Video Output	PAL or NTSC selectable
Audio Output	Monaural
Memory Storage	SD Memory Card, SDHC Memory Card, MultiMediaCard, MMCplus card, HC MMCplus card
General Features	
Battery	NB-6L
Optional Charger/AC Adaptor	CB-2LYE / ACK-DC40 (Compact Power Adaptor CA-DC10, DC Coupler DR-40, Power Cord)
Dimensions (W x D x H)	100 x 58.4 x 30.9 mm (ex. protruding parts)
Weight	Approx. 175g

Included as Standard

- Battery Pack NB-6L
- USB Interface Cable IFC-400PCU
- AV cable AVC-DC400
- Wrist Strap WS-DC9
- Digital Camera Solution Disc [ZoomBrowser EX (PC), ImageBrowser (Mac), PhotoStitch, CameraWindows]

Optional Accessories

- AC Adaptor Kit ACK-DC40 (Contains CA-DC10 and DR-30)
- HDMI Cable HTC-100
- High-Power Flash HF-DC1
- Leather Case PSCM4
- Waterproof Case WPDC35

Disclaimers

1. AF frame can be moved and fixed to specified face
2. If no face is detected, AiAF (9 point) is used
3. AF frame size is selectable
4. When number of detected faces increases, the shutter is released at 2 sec delay. However if no face is detected for 30 seconds or more, the shooting operation will start automatically.
5. Control to incorporate facial brightness in Face Detect AF
6. Fixed to center / Linked to AF frame
7. Camera automatically sets the optimal speed according to shooting mode and subject brightness
8. Camera automatically sets the optimal speed according to shooting mode, subject brightness and subject movement and camera shake. The ISO speed is relatively higher than Auto.
9. Even if the file size has not reached 4GB, the recording stops when the recording time reaches 1 hour. For lesser capacity memory cards, the recording stops when the card becomes full or reaches 1 hour.
10. Compatible printer required for direct printing