

Canon

DIGITAL CAMERA

PowerShot | Digital EOS

Spring | Summer 2004

digital revolutionized photography
we revolutionized digital

DIGITAL ELPH



PowerShot

Canon KNOW HOW®

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EOS DIGITAL

Digital Photography Doesn't Get Any Better or Simpler than Canon.

Whether you're an amateur or pro, if you demand quality—in both the images you create and the photographic tools you use to create them—then there's a Canon digital camera that's perfect for you.

Canon EOS Digital and PowerShot cameras combine powerful features with superb optics and ergonomics that reflect Canon's rich history as a maker of the world's most advanced cameras. Canon's **DiGiC** Imaging Processor with iSAPS (Intelligent Scene Analysis based on Photographic Space) Technology deliver a more responsive camera with significantly enhanced image clarity, color rendition, and exposure accuracy. Printing your photos without a computer is now as easy as a single press of a button with the newest PowerShot cameras connected to Canon Direct Photo Printers and other PictBridge-compliant printers. Whether you're a seasoned photographer who demands the ultimate in image quality and control... or a newcomer to digital imaging who wants to capture great-looking shots with point-and-shoot simplicity... or a photo enthusiast somewhere in between... the answer to your digital camera needs is simple: Canon.



PowerShot Reaches a New Level.

- The First of the PowerShot Pro Line with 8 Megapixels and 7x Optical Zoom incorporates the creative performance of an SLR and the compact ability of a PowerShot.
- Superior Canon optics, featuring fast 28-200mm (35mm equivalent) f/2.4-3.5 L-series USM zoom lens with fluorite, UD glass, and aspherical surfaces.
- Exclusive Canon **DiGiC** Imaging Processor and iSAPS Technology for faster processing and excellent image quality.
- 12 EOS-based Shooting Modes, Photo Effects, Custom Modes, enhanced Super Macro Mode, Wide-area **FlexiZone AF/AE** and Spot Metering.

This definitive leader among compact digital cameras is the first PowerShot to incorporate a Canon L Lens, the top choice of pros all over the world. Extraordinary image quality and advanced functionality make the Pro1 an ideal tool for creating professional-quality finished works.



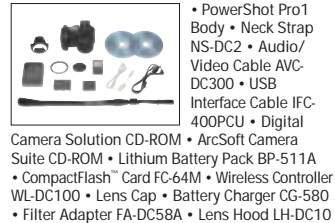
Shooting Modes



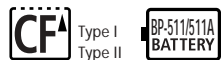
Basic Features and Functions



Supplied Accessories



* Separate accessories needed.



A New Level of Imaging Quality.

- 5 Megapixel PowerShot approaches the creative power of an SLR.
- Fast 35-140mm (35mm equivalent) f/2.0-3.0 lens with 4x Optical/4.1x Digital/16x Combined Zoom.
- Exclusive Canon **DiGiC** Imaging Processor and iSAPS Technology for faster processing and excellent image quality.
- 12 EOS-based Shooting Modes plus Photo Effects, Custom Modes, Wide-area **FlexiZone AF/AE** and Spot Metering.

With a stunning combination of resolution, speed and control, all housed in a rugged, elegant new black enclosure, the PowerShot G5 is one of Canon's flagship PowerShot. With a host of improvements and SLR-level features, the G5 will exceed the expectations of even the most discerning photographer.



Shooting Modes



Basic Features and Functions



Supplied Accessories



* Separate accessories needed.

† Firmware upgrade may be required.



High-quality Movies and Stills Combined.

- Ultra-compact 3.2 Megapixel Digital Camera with super-long 10x Optical Zoom and exclusive optical Image Stabilizer.
- DV-quality VGA continuous movie recording. Option to zoom during movies.
- Exclusive Canon **DiGiC** Imaging Processor and iSAPS Technology for faster processing and excellent image quality.
- Vari-Angle LCD monitor with enhanced resolution for clearer image preview and review.

For the first time, shoot full-motion movies (30 frames per second) from a digital still camera! Canon's Image Stabilizer system corrects camera shake instantly, so both images and movies shot with the powerful 10x zoom are richly and precisely detailed. Perfect for shooting sporting events, family activities and lots more.



Shooting Modes



Basic Features and Functions



Supplied Accessories

- PowerShot S1 IS Body • Neck Strap NS-DC3 • Audio/Video Cable AVC-DC300 • USB Interface Cable IFC-400PCU • Digital Camera Solution CD-ROM • ArcSoft Camera Suite CD-ROM • CompactFlash™ Card FC-32M • Lens Cap • 4 AA-Type Alkaline Batteries

* Separate accessories needed.

IMAGE STABILIZER



Cool, Sleek and Powerful.

- Sophisticated 5.0 Megapixel Digital Camera with 3x Optical/4.1x Digital/12x Combined Zoom provides superior Canon image quality.
- Exclusive Canon **DiGiC** Imaging Processor and iSAPS Technology for faster processing and excellent image quality.
- 12 Shooting Modes from fully automatic to fully manual, plus manual overrides for focus, exposure, white balance and more.
- 9-point wide-area AiAF plus **FlexiZone** AF/AE for off-center subjects.

Loaded with all the features you could ask for, the PowerShot S50 is Canon's first 5.0 Megapixel digital camera. Capable of a still image of 2,592 x 1,944 pixels, with up to 12x combined zoom, this sleek camera is a perfect example of form keeping up with function.



Shooting Modes



Basic Features and Functions

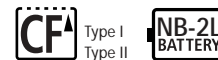


Supplied Accessories

- PowerShot S50 Body • Wrist Strap WS-300 • Audio/Video Cable AVC-DC100 • USB Interface Cable IFC-300PCU • Digital Camera Solution CD-ROM • ArcSoft Camera Suite CD-ROM • Lithium Battery Pack NB-2L • Battery Charger CB-2LT • CompactFlash™ Card FC-32M

* Separate accessories needed.

† Firmware upgrade may be required.



Serious Image Quality, Elegant Style.

- The first 5 Megapixel Digital ELPH with 3x Optical/4.1x Digital/12x Combined Zoom.
- Sleek, ultra-compact metal body for the ultimate in style and durability.
- Exclusive Canon **DiGIC** Imaging Processor and iSAPS Technology for faster processing and excellent image quality.
- New Print & Share Button for easy direct printing and downloads, plus ID Photo Print and Movie Print.

Elegantly designed and super compact, this camera boasts a powerful pixel count, excellent image quality and a wide range of functionality. User-centered design makes operation intuitive and fun right away, and now a new, dedicated Print & Share button makes direct printing easier than ever.



Print / Share Button

Shooting Modes



Basic Features and Functions



Supplied Accessories



- PowerShot S500 Body • Wrist Strap WS-300 • Audio/Video Cable AVC-DC300 • USB Interface Cable IFC-400PCU • Digital Camera Solution CD-ROM • ArcSoft Camera Suite CD-ROM • Lithium Battery Pack NB-1LH • Battery Charger CB-2LS • CompactFlash™ Card FC-32M

* Separate accessories needed.
† Windows only.

Superior Images, Breathtaking Style.

- Next-generation 4 Megapixel Digital ELPH with 3x Optical/3.6x Digital/11x Combined Zoom.
- Sleek, ultra-compact metal body for the ultimate in style and durability.
- Exclusive Canon **DiGIC** Imaging Processor and iSAPS Technology for faster processing and excellent image quality.
- New Print & Share Button for easy direct printing and downloads, plus ID Photo Print and Movie Print.

You and your images will both get noticed with a camera that's as high on style as it is on image quality. It's packed with advanced features that are fun and easy to use, making great shots almost effortless. And now printing and downloading are even easier with the new Print & Share button.

Shooting Modes



Basic Features and Functions



Supplied Accessories



- PowerShot S410 Body • Wrist Strap WS-300 • Audio/Video Cable AVC-DC300 • USB Interface Cable IFC-400PCU • Digital Camera Solution CD-ROM • ArcSoft Camera Suite CD-ROM • Lithium Battery Pack NB-1LH • Battery Charger CB-2LS • CompactFlash™ Card FC-32M

* Separate accessories needed.
† Windows only.



Print / Share Button



Ultra Compact with Full Range Functionality.

- Brilliant metallic body with 3.2 Megapixels, 2x Optical/3.2x Digital/6.4x Combined Zoom.
- Exclusive Canon **DiGIC** Imaging Processor and iSAPS Technology for faster processing and excellent image quality.
- High-precision 9-point AiAF and Intelligent Orientation Sensor automatically rotates images for playback.
- Extraordinary fast shutter release with the Quick Shot function.
- New Print & Share Button for easy direct printing and downloads, plus ID Photo Print and Movie Print.

The SD110 joins style with substance. It's unbelievably compact and sports an eye-catching bright white finish. Added to an excellent set of basic features is a new Print & Share button and ID Photo Print, plus Quick Shot for extraordinarily fast shutter release.



Print / Share Button

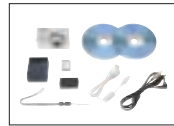
Shooting Modes



Basic Features and Functions



Supplied Accessories



- PowerShot SD110 Body • Wrist Strap WS-300 • Audio/Video Cable AVC-DC300 • USB Interface Cable IFC-400PCU • Digital

Camera Solution CD-ROM • ArcSoft Camera Suite CD-ROM • SD Memory Card SDC-16M • Lithium Battery Pack NB-3L • Battery Charger CB-2LU

* Separate accessories needed.
† Windows only.

NEW



Choose Your Own Pulse.

- Ultra thin and small new generation Digital ELPH.
- Powerful 4.0 Megapixel CCD with 5.7x Digital Zoom with new Quick Shot and Super Macro modes.
- Exclusive Canon **DiGIC** Imaging Processor and iSAPS Technology for faster processing and excellent image quality.
- 5-point AiAF and Intelligent Orientation Sensor automatically rotates images for playback.
- Comes in four sophisticated colors: Piano Black, Iridescent White, Bronze and Silver to match any outfit or mood.



The 4.0 Megapixel Digital ELPH, the PowerShot SD10 features a 5-point AiAF, Super Macro that gets you as close as 1.2 inches, and a powerful 5.7x digital zoom lens into a full featured, tiny, designer-sleek camera that you'll take everywhere. With an unlimited set of features for ease of use, the PowerShot SD10 makes sure that you'll never miss another shot, no matter where you are.

Shooting Modes



Basic Features and Functions



Supplied Accessories



- PowerShot SD10 Body • Wrist Strap WS-500 • Audio/Video Cable AVC-DC100 • USB Interface Cable IFC-300PCU • Digital

Camera Solution CD-ROM • ArcSoft Camera Suite CD-ROM • SD Card SDC-32M • Lithium Ion Battery Pack NB-3L • Battery Charger CB-2LU

* Separate accessories needed.



Image of Perfection.

When the two premier brands unite, the result is picture perfect. Precision digital imaging from Canon wrapped in the modern American design of Coach. Presenting the sleek, stainless steel Canon PowerShot S500 and SD110 Digital ELPH in their own luxurious, custom-made Coach leather carrying case. It's an exclusive gift for any occasion, brought to you by Canon and Coach.

COACH

EST. 1941



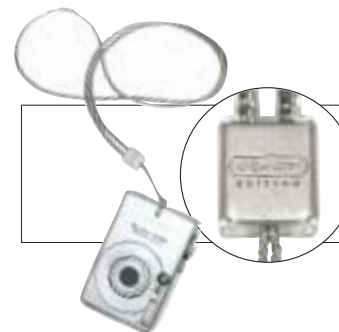
Kit Contents:

PowerShot S500 Digital ELPH Kit (Battery Charger, Wrist Strap, CompactFlash™ Card 32MB, CD-ROMs, Battery Pack, Interface Cable, and AV Cable) • Coach Leather Carrying Case • Coach Edition Metal Neck Strap



Kit Contents:

PowerShot SD110 Digital ELPH Kit (Battery Charger, Wrist Strap, SD Memory Card SD-16M, CD-ROMs, Battery Pack, Interface Cable, and AV Cable) • Coach Leather Carrying Case • Coach Edition Metal Neck Strap



Exclusive Coach Edition metal neck strap is included for your convenience.

High Resolution and Absolute Simplicity.

- High-resolution 4.0 Megapixel Digital Camera with 3x Optical/3.6x Digital/11x Combined Zoom.
- Durable and compact two-toned metallic exterior finish.
- Exclusive Canon **DiGIC** Imaging Processor and iSAPS Technology for faster processing and excellent image quality.
- Wide-area 9-point AiAF and 14 Mode Command Dial with new Variable Angle LCD panel.
- Print direct with any Canon Direct Photo Printer or any PictBridge supported printer.

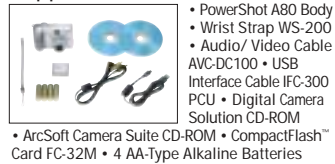
Shooting Modes



Basic Features and Functions



Supplied Accessories



*Separate accessories needed.
Note: When using the converter lenses, we recommend using the LCD monitor to preview composition and refraining from the use of the built-in Flash to avoid harsh shadows in the resulting photos.

Terrific image quality has never been easier. The PowerShot A80 has a solid 4.0 Megapixel CCD. So colors are vivid; details, perfect. And the A80 is loaded with features usually found only on high-end cameras like the Variable-Angle LCD panel, 9-point AiAF and the 14 Mode Command Dial that lets you shoot effortlessly, anywhere.



Performance Intact. Convenience Enhanced.

- Graceful 3.2 Megapixel camera with 3x Optical/3x Digital/10x Combined Zoom.
- New larger 1.8" LCD monitor for easier image previews and reviews.
- Exclusive Canon **DiGIC** Imaging Processor and iSAPS Technology for faster processing and excellent image quality.
- High-precision 9-point AiAF and 12 Shooting Modes, with New Special Scene Mode for spectacular shots in special situations.
- New Print & Share Button for easy direct printing and downloads, plus ID Photo Print and Movie Print.

Shooting Modes



Basic Features and Functions



Supplied Accessories



* Separate accessories needed.
† Windows only.

Note: When using the converter lenses, we recommend using the LCD monitor to preview composition and refraining from the use of the built-in Flash to avoid harsh shadows in the resulting photos.

A powerful 3.2 Megapixels of imaging quality plus plenty of smart features, all in a camera that's super easy to use. Uncommonly versatile, PowerShot A75 is compatible with a wide range of system accessories, including wide-angle and telephoto converters, close-up lenses and a dedicated waterproof case.



Print / Share Button



High Quality Pictures...Anywhere.

- Full Feature high-quality 2.0 Megapixel Digital Camera with 3x Optical/2.5x Digital/7.5x Combined Zoom.
- Compact durable metal body with 12 Shooting Modes and high-speed 5-point AiAF.
- Exclusive Canon **DiGIC** Imaging Processor and iSAPS Technology for faster processing and excellent image quality.
- No computer necessary using Direct Print mode with Card Photo Printers and Direct Photo Printers.

From the office to birthday parties and anywhere in between, the PowerShot A60 will make sure your photos are the best they can be. The PowerShot A60 is both compact and durable, has 12 shooting modes, high-speed 5-point AiAF focusing, a 2.0 Megapixel CCD sensor, and much more.



High Speed Shutter

Shooting Modes



Basic Features and Functions



Supplied Accessories

- PowerShot A60 Body • Wrist Strap WS-200 • Audio/Video Cable AVC-DC100 • USB Interface Cable IFC-300PCU • Digital Camera Solution CD-ROM • ArcSoft Camera Suite CD-ROM • CompactFlash™ Card FC-16M • 4 AA-Type Alkaline Batteries

* Separate accessories needed.

† Firmware upgrade may be required.

Note: When using the converter lenses, we recommend using the LCD monitor to preview composition and refraining from the use of the built-in Flash to avoid harsh shadows in the resulting photos.

High Tech and Sleek.

- High-quality 3.2 Megapixel camera with superior Canon optics.
- Exclusive Canon **DiGIC** Imaging Processor and iSAPS Technology for faster processing and excellent image quality.
- Equipped with 5.1x Digital Zoom, 5-point AiAF, 2-inch Macro Focusing, 3-minute high-quality Movies with sound, plus Histogram Display in replay mode.
- New Print & Share Button for easy direct printing and downloads, plus ID Photo Print and Movie Print.

This sleek, high-tech camera offers the best picture quality and features in its class. With high-quality Canon optics including a high-resolution autofocus 33mm (35mm equivalent) f/3.6 lens for sharp, true-color images, plus a full range of fun, easy-to-use features. Uses convenient AA batteries or new Canon high-capacity NiMH batteries (2300mAh).

Shooting Modes



Basic Features and Functions



Supplied Accessories

- PowerShot A310 Body • Wrist Strap WS-200 • USB Interface Cable IFC-400PCU • Digital Camera Solution CD-ROM • ArcSoft Camera Suite CD-ROM • CompactFlash™ Card FC-32M • 2 AA-Type Alkaline Batteries

† Windows only.



Print / Share Button



NEW

High Resolution Images with Pro Performance.

- 11.1 Megapixel full-frame CMOS Sensor for superior image quality.
- Outstanding Performance: 3 fps for 10 consecutive frames, fast 45-point AF, 5-mode 21-zone Metering System.
- Unsurpassed strength, durability and weather resistance.
- Unmatched image control, including simultaneous RAW + JPEG recording, 10-mode white balance, 5-mode Color Matrix selection, and much more.
- Fully compatible with all EF Lenses, E-TTL wireless autofocus, and many other EOS System accessories.



CMOS Sensor



Thumbnail Display

Perfect for anyone who wants the highest possible resolution in their digital SLR, the EOS-1Ds sets a new standard in image quality with its 11.1 Megapixel CMOS Sensor and compatibility with over 50 EF Lenses without a conversion factor, making no compromise wide-angle photography, and tremendous image files.

Supplied Accessories



- DC Coupler Kit DCK-E1
- Ni-MH Battery Pack NP-E3
- Ni-MH Battery Charger NC-E2
- AC Adapter PA-V16
- Interface Cable IDC-450D6
- Hand Strap E1
- Neck Strap L4



World's Fastest Digital SLR*.

- World's fastest digital SLR*: 8.5 fps for up to 40 frames at 8.2 Megapixel resolution.
- Extra-large CMOS Sensor and exclusive **DiG!C II** Imaging Processor for superb image quality.
- Legendary "1-series" body construction of weather-resistant magnesium alloy, with upgraded shutter durability of 200K cycles for superior strength and reliability.
- Dual memory card slots (CF & SD), magnified zoom display, video out, Exif 2.21 support and many more new and improved features.
- Fully compatible with all EF lenses and many EOS System accessories.

* Among digital SLR cameras as of February 2004 (based on Canon survey).

You won't find a faster digital SLR camera! Shoot 8.5 fps for up to 40 frames at full 8.2 Megapixel resolution. The advanced CMOS Sensor and **DiG!C II** Imaging Processor deliver stunning image quality, and the camera has many new features including slots for both CF and SD memory cards. Enjoy extensive manual control and compatibility with over 50 EF lenses and exciting EOS System accessories.

Supplied Accessories



- DC Coupler Kit DC-E1
- Ni-MH Battery Pack NP-E3
- Ni-MH Battery Charger NC-E2
- AC Adapter PA-V16
- Interface Cable IFC-200D4
- Video Cable VC-100
- Wide Strap L5



NEW

Digital AF SLR with High-End Features.

- High-performance 6.3 Megapixel Digital SLR with **DiGiC** Imaging Processor.
- High-speed, wide-area 7-point AF with superimposed focusing points.
- 3 fps up to 9 consecutive frames in JPEG or simultaneous RAW + JPEG.
- Rigid magnesium alloy body covers for outstanding durability.
- Fully compatible with all EF Lenses, E-TTL wireless autoflash, and many other EOS System accessories.



The EOS 10D brings an unprecedented level of features, controls and value to the digital SLR market. It has a newly designed, rugged body with a high-grade alloy exterior, and features Canon's "Digital Trinity": 6.3 Megapixel CMOS Sensor, **DiGiC** Imaging Processor and compatibility with over 50 EF Lenses.

Supplied Accessories



- Battery Pack BP-511
- Battery Charger CB-5L
- Interface Cable IFC-300PCU • Wide Neck Strap EW-100DB
- Lithium Battery CR2025 • Eyecup Eb



Photography Without Limits.

- High-performance digital SLR with 6.3 Megapixel CMOS Sensor and **DiGiC** Imaging Processor.
- High-speed, wide-area 7-point AF with superimposed focusing points.
- 12 Shooting Modes including 6 PIC (Programmed Image Control) modes.
- Compact and lightweight body with ergonomic design and control layout.
- Compatible with all EF Lenses including the new EF-S 18-55mm Lens* and most EOS system accessories including EX-series Speedlites.



Canon's landmark Rebel goes Digital! Lightweight, advanced and easy-to-use, this camera is equipped with Canon's "Digital Trinity": 6.3 Megapixel CMOS Sensor, **DiGiC** Imaging Processor and compatibility with over 50 EF Lenses. EOS Digital Rebel is the new standard in premium-quality digital SLRs.

Supplied Accessories



- Battery Pack BP-511
- Battery Charger CB-5L • Interface Cable IFC-300PCU • Wide Neck Strap EW-100DBII
- Lithium Battery CR2016 • Eyecup Ef

* Available only with the EOS Digital Rebel kit.
Compatible only with EOS Digital Rebel.



CARD PHOTO PRINTERS

Shoot Digital. Print Direct.

- Supports computerless Direct Printing with select Canon Digital Cameras and PictBridge compatible cameras.
- High quality 300-dpi dye-sublimation technology with durable, clear protective overcoating.
- High-speed printing: 4" x 6" and credit card color photographs in as little as 85 seconds.
- Take freedom of movement to the next level with the rechargeable battery pack (CP-300 only) and optional car battery adapter.

The CP-300 and CP-200 print brilliant, long-lasting 4" x 6" prints in as quickly as 85 seconds or credit-card size prints in about 40 seconds. It's small enough to be portable, too, powered via a rechargeable battery pack (CP-300 only) or an optional car adapter.



4" x 6" Print

CARD PHOTO PRINTER
CP-200

CARD PHOTO PRINTER
CP-300



Supplied Accessories



- CP-300 or CP-200 Body • 4" x 6" Size Paper Cassette • Credit Card Size Paper Cassette (Not Included with CP-200) • 4" x 6" Size Ink Cassette • Compact Power Adapter CA-CP100 • AC Cable • Rechargeable Battery Pack NB-CP1L (For CP-300 Only) • CD-ROM • 4" x 6" Size Trial Standard Paper • Cleaner (Not shown)

Printer Supplies



- Color Ink / Paper Set KP-36 IP (4" x 6" paper, 36 sheets) • Color Ink / Paper Set KC-36 IP (Credit card size, 36 sheets) • Color Ink / Paper Set KC-18 IL (Credit card size/mini label, 18 sheets) • Color Ink / Paper Set KC-18 IF (Credit card size/full label, 18 sheets)



DIRECT PHOTO PRINTERS

For Your Next Big Idea.

i900D Photo Printer



- Built-in 2" LCD display for easy viewing, editing and printing.
- Direct photo printing from compatible digital cameras & memory cards.
- 6 individual ink tanks can save you money.
- Edge-to-edge true borderless photos (4 x 6, 5 x 7 and 8.5 x 11 inches)
- Easy previews and fast prints with Canon Photo Viewer.
- Advanced MicroFine Droplet Technology™ for speed and quality.



Incredibly Powerful. Surprisingly Compact.

i80 Bubble Jet Printer



- Wireless printing capable from select devices.
- Up to 14 ppm black/up to 10 ppm color.
- Up to 4800 x 1200 color dpi with droplets as small as 2 picoliters.
- Direct photo printing from PictBridge-compatible digital cameras and DV camcorders.
- True borderless photo printing (4 x 6, 5 x 7 and 8.5 x 11 inches).
- Optional mobile accessories.



For more information on Bubble Jet Printers please visit: www.cusa.canon.com/consumer

DIRECT PRINT SOLUTION

CANON'S ONE-TOUCH DIRECT PRINT SOLUTION



Making spectacular prints from your favorite digital images doesn't get any easier than this! PowerShot cameras* featuring the advanced Print/Share button, combined with one of Canon's superb Direct Photo Printers or PictBridge-compatible printer, make the entire process fast and simple. When the camera detects connection to a compatible printer, the Print/Share button lights blue. With the desired image on the camera's LCD (in playback mode), simply press the Print/Share button. In minutes, you'll have a crisp, full-color photograph of the image you selected. Also use this button to transfer image files directly to a computer (Windows only).

PICTBRIDGE



Canon PowerShot cameras support the PictBridge standard, which provides basic direct printing functions and connectivity between any compliant camera and printer regardless of the manufacturers of the equipment.



Print/Share button.



CONNECT

Connect the camera to the printer or computer.



PRESS

Press the **LIGHTED** Print/Share button.



PRINT/SHARE

You'll have quick and easy prints or share them across the internet.

3 EASY STEPS FOR FABULOUS PRINTS †



CONNECT

Connect the camera to the printer using the USB cable.



SELECT

Select the desired image and print size right on your PowerShot camera using the LCD menu. Choose bordered or borderless. You can even crop the image to your liking.



PRINT

Press the camera's set button and print the photo. In minutes, you'll have a crisp, full-color picture.

* S500, S400, SD110, A75, and A310 as of Spring 2004.

† For PowerShot models without Print/Share button.

ID PHOTO PRINT

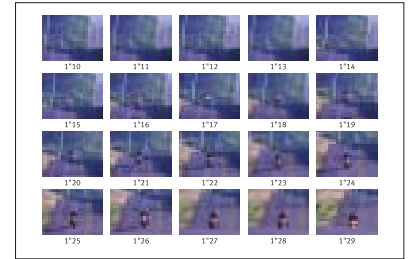
Need a quick ID-sized photo, for example, for a passport? PowerShot cameras with ID Photo Print make it easy. You can crop the recorded image to the required area and choose from up to 28 different photo sizes. When you're ready, print multiple ID photos on a single sheet via a direct-connected Canon Card Photo Printer.



* For official documents, check with your local authorities for size and other requirements.

MOVIE PRINT

With Canon PowerShot cameras you can not only shoot movies but also print them! Using a direct-connected Canon Card Photo Printer, you can use the Movie Print feature to create an index print of individual frames from a recorded movie. The camera automatically calculates the interval and selects the frames based on the length of the movie and the number of stills required to fill the sheet.



PRINT SIZES



8.5" x 11" (Bubble Jet Only)



5" x 7" (Bubble Jet Only)



4" x 6" (Bubble Jet or Card Photo Printers)



Credit Card Size (Card Photo Printers Only)



Credit Card-Sized Label (Card Photo Printers Only)



Mini Label (Card Photo Printers Only)



EOS DIGITAL TECHNOLOGY

DiGiC IMAGING PROCESSOR

The backbone of a good digital camera is the signal processing technology that renders and writes your images to the memory card. Developed to maximize performance between the capture and recording aspects of digital photography, Canon's DIGIC (Digital Imaging Integrated Circuit)



chip applies proprietary signal processing algorithms to yield dramatic improvements in image quality and camera responsiveness. This ultra-high-performance imaging engine speeds up the processing, compression, and display and write times for each captured image, all with low power consumption, saving valuable battery power. The latest-generation **DiGiC II** processor works in concert with Canon's newest CMOS sensor to achieve even higher levels of performance. New signal processing algorithms work with the multichannel signal from the sensor and the high-speed DDR SDRAM (Double Data Rate Synchronous Dynamic Random Access Memory) buffer to deliver dramatically improved camera response. Power consumption has been further reduced for even longer battery life. Color reproduction, too, is significantly better, with more natural rendition of bright, high-saturation subjects and more precise auto white balance. Color accuracy and noise performance in low light have also been much improved.

CMOS SENSORS

Canon has developed its own CMOS (Complementary Metal-oxide Semiconductor) sensor to record digital images, taking advantage of the proprietary know-how gained during the development and manufacturing of its renowned autofocus sensors and semiconductor manufacturing equipment. Compared to CCD sensors which amplify signals only after they have been transferred to an image processor, CMOS sensors convert and amplify signals before they are transferred. Using this method together with additional proprietary technology, Canon's CMOS sensors produce a cleaner signal from the beginning. At the same time, power consumption is reduced by up to 90% compared to CCDs, and data transfer speeds can be significantly increased via multi-channel readouts. In addition, Canon's CMOS sensors incorporate a unique on-chip noise reduction technology to deal with both fixed pattern and random noise, resulting in silky-smooth, film-like images, with limited power consumption, at breathtaking speed.



CANON EF LENSES

All EOS Digital Cameras are compatible with the full line of EF lenses and EOS system accessories. With advanced technologies like high-speed Ultrasonic focusing and Image Stabilization, as well as a host of different zoom ranges, EF lenses are the perfect complement to a Digital EOS. Canon's Speedlite flash units with Canon's E-TTL flash exposure system, and numerous other accessories make EOS one of the most comprehensive photographic systems available today.



POWERSHOT TECHNOLOGY

DiGiC IMAGING PROCESSOR

DIGIC

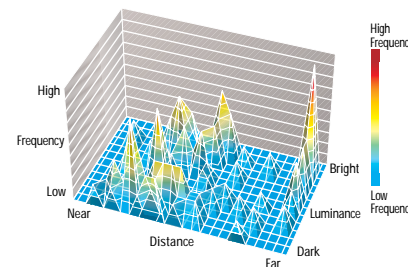
While much technical discussion of digital cameras centers around the optics and the CCD sensor, the complex task of image rendering is the job of the image processor—the “brains” of a digital camera. Canon's latest, exclusive DIGIC Imaging Processor significantly enhances digital camera performance in numerous areas. DIGIC's high-speed signal processing is combined with high-capacity buffering to give Canon digital cameras fast response and continuous shooting capability unmatched by other digital cameras. DIGIC delivers longer battery life and beautiful, rich color rendition with far fewer white saturation problems. And DIGIC's unequalled precision delivers clear, noise-free images that are demonstrably superior.



iSAPS TECHNOLOGY

iSAPS

Canon iSAPS (Intelligent Scene Analysis based on Photographic Space) technology dramatically improves the performance of AF (Autofocus), AE (Auto Exposure), and AWB (Auto White Balance). By analyzing a huge volume of photography data, accumulated over 60 years and the manufacture of over 150 million cameras, Canon engineers arrived at statistical relationships among focal length, focus distance, scene brightness, and other factors. Equipped with this “fore knowledge” Canon PowerShot cameras can optimize AF/AE/AWB settings for any given scene more rapidly and more effectively.



MULTI-POINT AiAF

AiAF

Canon's wide-area AiAF intelligently and automatically selects one or more focusing points based on factors, such as subject position and motion. AiAF works in conjunction with iSAPS Technology to more quickly and accurately achieve autofocus under a wide variety of shooting conditions. You get fast, accurate AF whether you hold the camera horizontally or vertically, with stationary or moving subjects, with off-center subjects, and even in low-light/low-contrast lighting.



IMAGE STABILIZER *

IS

The Canon Image Stabilizer uses gyroscopic sensors to detect motion and generate a corrective signal to reduce blur caused by camera movement. An image-stabilizing lens group along the optical axis is shifted in response to the detected motion, providing effective cancellation of unwanted lens movement and vibration. Result – in still photography, long lenses can be hand held at slower shutter speeds without blurred images, and handheld video footage is smoother.



VGA FINE MOVIE *

VGA FINE

PowerShot raises the bar further still, giving the user the ability to capture smooth full-motion (30 frame-per-second) video at full VGA resolution (640 x 480 pixels). The user can even choose VGA-Fine recording at this frame rate, which yields even better picture quality by lowering the compression rate. This advanced movie mode also offers improved sound quality, recording at 16-bit quantization and a 22kHz sampling rate (compared to 8-bit/11kHz for previous models).

*Available only in the PowerShot S1 IS.

BASIC FEATURES

FLEXIZONE AF/AE



Using FlexiZone AF/AE, you can freely move the AF point around the frame. Now you can easily focus on off-center subjects without reframing the shot. When spot metering is selected, you can choose to measure exposure at the chosen AF point or at the center of the frame. This option gives you maximum flexibility, enabling you to handle difficult lighting situations like a pro.



HYBRID AF SYSTEM*



This advanced Canon AF system combines the best of two different autofocus methods. An external metering (triangulation) method is used to perform initial general focusing. This is immediately followed by the more traditional TTL (contrast detection) method to fine-adjust the focusing. This yields both speed and precision of autofocus that cannot be achieved with either method alone.

INTELLIGENT ORIENTATION SENSOR



By automatically sensing whether the picture is being taken horizontally or vertically, PowerShot cameras are able to avoid the typical errors that occur in auto focus, auto exposure, and auto white balance with less sophisticated cameras. Moreover, pictures are properly oriented during playback, whether on the camera's screen or a computer monitor.



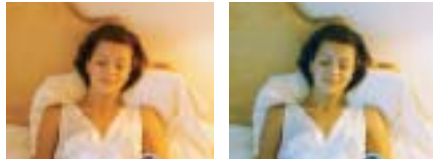
Horizontal

Vertical

WHITE BALANCE



Canon iSAPS technology ensures fast, accurate automatic white balance compensation. PowerShot cameras also let you select from preset modes covering common lighting conditions, for example, daylight, cloudy, tungsten, or fluorescent. You can even perform a manual white balance using a white reference target, storing the measurement as a custom setting for later recall.



Indoor Light

Daylight

ISO SETTING



Canon PowerShot cameras give you a choice of ISO equivalent settings. As with film, the lowest ISO setting possible for the shooting conditions will yield the best image quality. In most shooting modes, the camera will automatically select the best ISO setting to suit the conditions. However, in manual and advanced shooting modes, you can set the ISO to 50, 100, 200, or 400.

NOISE REDUCTION



Canon's exclusive **DiGiC** Imaging Processor performs advanced, highly precise data computations that enhance resolution without increasing noise, shattering the commonly held notion that noise in a digital camera can only be reduced at the expense of resolution. This new anti-noise/ high-resolution processing technology enables PowerShot cameras to capture images of extraordinary quality, easily surpassing the performance of other digital cameras relying on general-purpose image processing IC's.

BASIC FEATURES

RAW MODE CAPABILITY*



The exclusive **DiGiC** Imaging Processor also makes possible a RAW mode recording option. While the multiple JPEG modes maximize image quality and storage efficiency, you now have the option of saving your photos in the RAW format when you want to capture at the highest possible quality with no compression.

METERING OPTIONS

Canon PowerShot cameras give advanced photographers a choice of light-metering modes for maximum exposure control: evaluative metering, center-weighted average metering, or spot metering. The spot metering mode provides an exceptional degree of control, enabling the measurement to be tied to the AF point or fixed at the center of the frame. It makes it easier to deal with challenging lighting conditions or achieve creative exposure effects.

PHOTO EFFECT MODE



For advanced creative effects, try one of the Photo Effect Mode settings. Vivid Color yields vibrant shots with dramatic high-contrast. Neutral Color produces images of subtle, elegant tonality. Low Sharpening softens an image to create a romantic, soft-focus filter effect. Sepia recreates the look of vintage photographs. Black and White delivers enhanced clarity – especially useful when shooting text.



Sepia

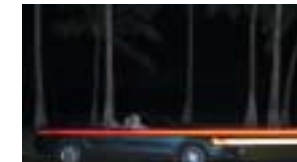
SAFETY SHIFT*



In Av and Tv modes, a Safety Shift function is available to eliminate exposure errors: the camera will automatically change shutter speed or aperture to work within the ambient brightness conditions.

FLASH OPTIONS

Multiple modes give you full control over flash-assisted shooting. You can turn the flash and auto red-eye reduction on and off in any combination. You can even choose "first curtain" or "second curtain" sync. Flash strength can also be set manually to any of 3 levels.* You can also turn off the pre-flash to avoid false tripping of external slave flashes.



First Curtain Sync

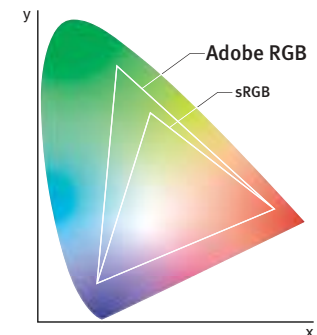


Second Curtain Sync

ADOBE RGB*



Because PowerShot cameras' professional-level quality produces images that are ideal for use as originals for printed documents, the camera offers an expanded Adobe RGB color space setting, the data standard of the printing industry, in addition to a standard RGB color space setting.



BASIC FEATURES

SHOOTING MODES



AUTO Auto

The camera sets all parameters for the user, providing point-and-shoot simplicity.



LANDSCAPE Landscape

The camera uses smaller apertures when possible for increased depth-of-field.



★ Night Scene

Slow-sync flash is expertly combined with appropriate ambient light exposure to properly expose both subject and background.



MOVIE Movie

QQVGA, QVGA, VGA, VGA-FINE* with audio for continuous recording. Unwanted scenes can be deleted in playback mode.

**Available only in the PowerShot S1 IS.*



M Manual

The user has complete control over exposure, selecting both aperture and shutter speed manually.



TV Shutter Speed Priority

The user selects the shutter speed, and the camera automatically selects the appropriate aperture.



PERSON Portrait

The camera uses larger apertures for reduced depth-of-field, bringing the subject into focus while blurring the background.



SPORTS High-Speed Shutter

Ideal for sports, this setting uses high shutter speeds to stop the action of fast-moving subjects.



SL Slow Shutter

The camera sets a slow shutter speed to intentionally blur moving subjects or otherwise create dramatic long-exposure effects.



STITCH Stitch Assist

Easy-to-use guidelines simplify the shooting of aligned multiple frames that can later be combined (using bundled software) to create panoramic photos.



Av Aperture Priority

The user sets the aperture, controlling depth-of-field. The camera automatically selects the appropriate shutter speed.



P Program

The camera automatically and intelligently selects the aperture/shutter speed combination based on shooting condition.

BASIC FEATURES

SPECIAL SCENE MODE*

PowerShot cameras with the Special Scene Mode give you advanced presets to ensure you get the best possible photos under a number of difficult shooting conditions. Simply select a preset, and the camera will automatically make the necessary settings to let you capture sensational, professional-looking images.

SPECIAL SCENE



FOLIAGE Foliage

Capture brilliant shots of autumn foliage, greenery, blossoms, flowers.



FIREWORKS Fireworks

Grab brilliant images of skyrocketing fireworks.



SNOW Snow

Shoot clear snow scenes without darkened subjects and bluish tint.



UNDERWATER Underwater

Use with the optional waterproof case to capture superb underwater images with reduced backscatter effect.



BEACH Beach

Get clear shots of people at a sunny beach without the darkened faces.


































INDOOR Indoor

Reduces blur and improves color accuracy when shooting handheld indoors with typical room lighting.

**Available only in the PowerShot S1 IS.*

Shooting Modes	Av Aperture Priority	5 PT AI AF 5-Point AI AF	Continuous Shooting	Movie Editing	Movie Print
AUTO Auto	TV Shutter Speed Priority	Flexizone AF/AE Flexizone AF/AE	My Camera	SPEED LIFE Speedlite	Time Imprint
PERSON Portrait	P Program	HYBRID Hybrid AF System	SPECIAL SCENE Special Scene Mode	★ WIDE Wide Converter	Photo ID Print
LANDSCAPE Landscape	C Auto Custom	Intelligent Orientation Sensor	Photo Effect	TELE Tele Converter	Ultrasonic Motor
SPORTS High-Speed Shutter	Auto (Digital ELPH/A310)	WB SELECT White Balance Selector	Voice Memo	★ WATER PROOF Waterproof Case	VGA FINE VGA Fine Movie
SL Slow Shutter	Manual (Digital ELPH/A310)	ISO ISO Setting	HISTOGRAM Histogram	All WEATHER All Weather Case	ADOBE RGB Adobe RGB
★ Night Scene	Functions	RAW RAW	MACRO Macro Mode	PictBridge	SAFETY SHIFT Safety Shift
STITCH Stitch Assist	DIGIC DIGIC	NR Noise Reduction	Quick Shot Function	Direct Print	12 LANG. 12-Language Support
MOVIE Movie	Image Stabilizer	MF Manual Focus	Flash Exposure Compensation	EXIF EXIF Print	
★ Long Shutter	iSAPS iSAPS	ND FILTER ND Filter	Manually Adjustable Flash	Print Share/Direct Transfer Protocol	
M Manual	9 PT AI AF 9-Point AI AF	AEB Auto Exposure Bracketing	MUTE Mute Mode	DPOF	<i>* Available as optional accessory</i>

ACCESSORIES

	Wide Converter			Tele Converter					Conversion Lens Adapter					Close-up Lens			
	WC-DC58N 8158A001	WC-DC52A 9222A001	WC-DC52 6866A001	TC-DC58A 9141A001	TC-DC58N 8159A001	TC-DC52B 9211A001	TC-DC52A 9085A001	TC-DC52 7636A001	LA-DC58C 9142A001	LA-DC58B 8160A001	LAH-DC10 9233A000	LA-DC52D 9086A001	LA-DC52C 8485A001	58mm 500D 2822A002	58mm 250D 2820A002	52mm 250D 2819A002	
																	
Pro 1				•					•					•			
G5	•				•					•					•		
S1 IS		•				•					•						
S50																	
S500																	
S410																	
SD110																	
SD10																	
A80			•				•					•				•	
A75			•										•			•	
A60			•										•			•	
A310																	
Remarks	Requires LA-DC58B	Requires LAH-DC10	Requires LA-DC52D for A80, LA-DC52C for A75/A60	Requires LA-DC58C	Requires LA-DC58B	Requires LAH-DC10	Requires LA-DC52D	Requires LA-DC52C	Required for TC-DC58A	Required for WC-DC58N & TC-DC58N	Includes: LA-DC52E & LH-DC20	Required for WC-DC52C & TC-DC52A	Required for WC-DC52C & TC-DC52		Requires LA-DC58B	Requires LA-DC52D for A80, LA-DC52C for A75/A60	
	Speedlite								Memory Card			Cables					
	550EX 2261A003	420EX 4590A009	220EX 2262A006	MT-24EX 2357A002	MR-14EX 2356A002	ST-E2 2478A002	Off Camera Shoe Cord 2 2391A001	Macrolite Adapter 58C 2365A001	1GB Microdrive Travel Kit	CF Card Type I	SD Memory Card	IFC-400PCU 9370A001	IFC-300PCU 6906A001	AV-DC300 9371A001	DIF-100 6908A001		
																	
Pro 1	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
G5	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
S1 IS									•	•	•	•	•	•	•	•	
S50									•	•	•	•	•	•	•	•	
S500									•	•	•	•	•	•	•	•	
S410									•	•	•	•	•	•	•	•	
SD110									•	•	•	•	•	•	•	•	
SD10									•	•	•	•	•	•	•	•	
A80									•	•	•	•	•	•	•	•	
A75									•	•	•	•	•	•	•	•	
A60									•	•	•	•	•	•	•	•	
A310									•	•	•	•	•	•	•	•	
Remarks				Requires LA-DC58C for Pro1, LA-DC58B for G5	Requires LA-DC58C for Pro1, Microlite Adapter 58C for G5				Available sizes: 512MB, 256MB, 128MB, 64MB	Available sizes: 256MB, 128MB, 64MB					Direct Print Cable for CP-100/CP-10		

ACCESSORIES

	Batteries and Chargers							PowerShot Accessory Kit								
	Battery Pack	Compact Power Adapter	Battery Charger Kit	AC Adapter Kit	Charge Adapter/Car Battery Cable Kit	Car Battery Charger	Battery Charger	PowerShot Accessory Kit 3 3055A013	Digital ELPH Digital Camera Accessory Kit 6261A010	Digital ELPH Digital Camera Accessory Kit 2 TBA	PowerShot A Series Accessory Kit 6872A007	PowerShot Pro Series Accessory Kit TBA	PowerShot S Series Accessory Kit TBA			
Pro 1	BP-511A / 512 / 511	CA-PS400		CA-560	CR-560		CB-5L	•				•				
G5	BP-511A / 512 / 511	CA-PS400		CA-560	CR-560		CB-5L	•								
S1 IS	NB4-100		CBK4-200	ACK700									•			
S50	NB-2L			ACK700		CBC-NB2	CB-2LT									
S500	NB-1LH			ACK500		CBC-NB1	CB-2LS		•							
S410	NB-1LH			ACK500		CBC-NB1	CB-2LS		•							
SD110	NB-3L			ACK900			CB-2LU			•						
SD10	NB-3L						CB-2LU			•						
A80	NB4-100		CBK4-200	ACK600							•					
A75	NB4-100		CBK4-200	ACK600							•					
A60	NB4-100		CBK4-200	ACK600							•					
A310	NB4-100		CBK4-200	ACK800												
Remarks								Contents: Side Pack, USB CF Card Reader, Battery Pack BP-511	Contents: Soft Leather Case PSC-90, Battery Pack NB-2L, CF Wallet	Contents: Soft Leather Case PSC-50, Metal Neck Strap 1, Battery Pack NB-3L	Contents: Deluxe Soft Case PSC-60, Battery & Charger Kit CBK-100	Contents: Deluxe Soft Case PSC-4000, PowerShot Leather Neck Strap, Battery Pack BP-511	Contents: Deluxe Soft Case PSC-70, Battery & Charger Kit CBK-100			
	Case								Underwater							All Weather
	PSC-4000 9748A002	PSC-70 9747A001	PSC-3000 8497A001	PSC-50 8403A001	PSC-30 7716A001	PSC-60 9078A001	PSC-40 8020A001	CPB-100 9212A001	WP-DC900 9087A001	WP-DC800 8516A001	WP-DC700 8486A001	WP-DC300 7301A001	WP-DC30 9433A001	WP-DC20 9255A001	WP-DC10 8510A001	AW-DC10 9084A001
Pro 1	•															
G5			•													
S1 IS		•														
S50					•											
S500				•						•						
S410				•						•						
SD110				•											•	
SD10																•
A80									•							
A75																
A60																
A310																
Remarks							For CP-300 & CP-200	Waterproof to 130 ft.	Waterproof to 130 ft.	Waterproof to 130 ft.	Waterproof to 100 ft.	Waterproof to 130 ft.	Waterproof to 130 ft.	Waterproof to 130 ft.	Water resistant to 9.8 ft.	


POWERSHOT SPECIFICATION CHART

	PowerShot Pro1	PowerShot G5	PowerShot S1IS	PowerShot S50	PowerShot S500
					
Type	Compact digital still camera w/ built-in flash & 7x Optical Zoom & 3.2x Digital Zoom, 22x Combined Zoom	Compact digital still camera w/ built-in flash & 4x Optical Zoom & 4.1x Digital Zoom, 16x Combined Zoom	Compact digital still camera w/ built-in flash & 10x Optical Zoom & 3.2x Digital Zoom, 32x Combined Zoom	Compact digital still camera w/ built-in flash & 3x Optical Zoom & 4.1x Digital Zoom, 12x Combined Zoom	Compact digital still camera w/ built-in flash & 3x Optical Zoom & 4.1x Digital Zoom, 12x Combined Zoom
Image Capture Device	8.0 MP 2/3" CCD	5.0 MP 1/1.8" CCD	3.2 MP 1/2.7" CCD	5.0 MP 1/1.8" CCD	5.0 MP 1/1.8" CCD
Color Depth	8 bits x 3 colors	8 bits x 3 colors	8 bits x 3 colors	8 bits x 3 colors	8 bits x 3 colors
Resolution (Recording Pixels)	640 x 480 pixels (Small), 1024 x 768 (Med Low), 1600 x 1200 (Med Mid), 2277 x 1704 (Med High), 3264 x 2448 (Large); 320 x 240 or 160 x 120 (Movie)	640 x 480 pixels (Small), 1024 x 768 (Med Low), 1600 x 1200 (Med High), 2592 x 1944 (Large); 320 x 240 or 160 x 120 (Movie)	640 x 480 pixels (Small), 1024 x 768 (Med Low), 1600 x 1200 (Med High), 2048 x 1536 (Large); 640 x 480 or 320 x 240 (Movie)	640 x 480 pixels (Small), 1024 x 768 (Med Low), 1600 x 1200 (Med High), 2592 x 1944 (Large); 320 x 240 or 160 x 120 (Movie)	640 x 480 pixels (Small), 1600 x 1200 (Med Low), 2048 x 1536 (Med High), 2592 x 1944 (Large); 640 x 480, 320 x 240 or 160 x 120 (Movie)
ISO Sensitivity	Auto, or User Set ISO 50, 100, 200, 400	Auto, or User Set ISO 50, 100, 200, 400	Auto, or User Set ISO 50, 100, 200, 400	Auto, or User Set ISO 50, 100, 200, 400	Auto, or User Set ISO 50, 100, 200, 400
Image Quality Modes (JPEG)	Normal, Fine, Superfine	Normal, Fine, Superfine	Normal, Fine, Superfine	Normal, Fine, Superfine	Normal, Fine, Superfine
File Format	Design rule for Camera File System, DPOF Ver. 1.1 (Digital Print Order Format)	Design rule for Camera File System, DPOF Ver. 1.1 (Digital Print Order Format)	Design rule for Camera File System, DPOF Ver. 1.1 (Digital Print Order Format)	Design rule for Camera File System, DPOF Ver. 1.1 (Digital Print Order Format)	Design rule for Camera File System, DPOF Ver. 1.1 (Digital Print Order Format)
Image Recording Format	Still Image: JPEG or RAW; Movie: AVI, Exif 2.2 compliant	Still Image: JPEG or RAW; Movie: AVI, Exif 2.2 compliant	Still Image: JPEG or RAW; Movie: AVI, Exif 2.2 compliant	Still Image: JPEG or RAW; Movie: AVI, Exif 2.2 compliant	Still Image: JPEG or RAW; Movie: AVI, Exif 2.2 compliant
Recording Media	CompactFlash™ (CF) Card, Type I & II	CompactFlash™ (CF) Card, Type I & II	CompactFlash™ (CF) Card, Type I & II	CompactFlash™ (CF) Card, Type I & II	CompactFlash™ (CF) Card, Type I
Shooting Modes	Auto, Creative (P, Av, Tv, M), Image (Portrait, Landscape, Night Scene, Stitch Assist, Movie), Custom 1, Custom 2	Auto, Creative (P, Av, Tv, M), Image (Portrait, Landscape, Night Scene, Stitch Assist, Movie), Custom 1, Custom 2	Auto, Creative (P, Av, Tv, M), Image (Portrait, Landscape, Night Scene, Stitch Assist, Movie), Custom	Auto, Creative (P, Av, Tv, M), Image (Portrait, Landscape, Night Scene, Stitch Assist, Movie), Custom	Auto, Manual, Stitch Assist, Movie, Continuous (Approx. 2.2 fps)
Photo Effects	Vivid, Neutral, Low Sharpness, Sepia, B/W, Custom	Vivid, Neutral, Low Sharpness, Sepia, B/W, Custom	Vivid, Neutral, Low Sharpness, Sepia, B/W, Custom	Vivid, Neutral, Low Sharpness, Sepia, B/W	Vivid, Neutral, Low Sharpness, Sepia, B/W
Playback Modes	Single, Index (9 Thumbnails), Magnification (Approx. 2x-10x) or Slide Show, Movie	Single, Index (9 Thumbnails), Magnification (Approx. 2x-10x) or Slide Show, Movie	Single, Index (9 Thumbnails), Magnification (Approx. 2x-10x) or Slide Show, Movie	Single, Index (9 Thumbnails), Magnification (Approx. 2x-10x) or Slide Show, Movie	Single, Index (9 Thumbnails), Magnification (Approx. 2x-10x) or Slide Show, Movie
Erase Mode	Single Images, All Images	Single Images, All Images	Single Images, All Images	Single Images, All Images	Single Images, All Images
Interfaces	USB; AV Output (NTSC/PAL Selectable, monaural audio) & CF Card slot (Complied w/ Type II Standard), Direct Connection to Canon Direct Photo Printers & PictBridge compatible Printers	USB; AV Output (NTSC/PAL Selectable, monaural audio) & CF Card slot (Complied w/ Type II Standard) Direct Connection to Canon Direct Photo Printers & PictBridge supported printers* (No Computer req.)	USB; AV Output (NTSC/PAL Selectable, monaural audio) & CF Card slot (Complied w/ Type II Standard), Direct Connection to Canon Direct Photo Printers & PictBridge compatible Printers	USB; AV Output (NTSC/PAL Selectable, monaural audio) & CF Card slot (Complied w/ Type II Standard) Direct Connection to Canon Direct Photo Printers & PictBridge supported printers* (Firmware upgrade may be required)	USB; AV Output (NTSC/PAL Selectable, monaural audio) & CF Card slot (Complied w/ Type II Standard), Direct Connection to Canon Direct Photo Printers & PictBridge compatible Printers
Lens	7.2-50.8mm, f/2.4-3.5 zoom lens (equiv. to 28-200mm in 35mm format)	7.2-28.8mm, f/2.0-3.0 zoom lens (equiv. to 35-140mm in 35mm format)	5.8-58.0mm, f/2.8-3.1 zoom lens (equiv. to 38-380mm in 35mm format)	7.1-21.3mm, f/2.8-4.9 zoom lens (equiv. to 35-105mm in 35mm format)	7.4-22.2mm, f/2.8-4.9 zoom lens (equiv. to 36-108mm in 35mm format)
Shutter Speed	15-1/4000 sec. slow shutter of 1.3 sec. & more operates w/ noise reduction	15-1/2000 sec. slow shutter of 1.3 sec. & more operates w/ noise reduction	15-1/2000 sec. Slow shutter operates w/ noise reduction, 1.3-15 sec. are manually set	15-1/1500 sec. slow shutter of 1.3 sec. & more operates w/ noise reduction	15-1/2000 sec. slow shutter of 1.3 sec. & more operates w/ noise reduction
Focus Range	Normal AF: 1.6 ft. (50cm)-infinity (WIDE), 3.3 ft. (1m)-infinity (TELE); Macro AF: 3.9 in.-1.6 ft. (10-50cm) (WIDE), 1.0-1.6 ft. (30-50cm) (TELE); Super Macro: 1.2 in.-1.0 ft. (3-30cm); Manual: 3.9 in. (10cm)-infinity (WIDE), 1.0 ft. (30cm)-infinity, 3.3 ft.-infinity (TELE)	Normal AF: 20 in. (50cm)-infinity; Macro AF: 2-20 in. (5-50cm) (WIDE), 6-20 in. (15-50cm) (TELE)	Normal AF: 3.9 in. (10cm)-infinity (WIDE), 3.1 in. (93cm)-infinity (TELE); Manual: 3.9 in. (10cm)-infinity (WIDE), 3.1 ft. (93cm)-infinity (TELE)	Normal AF: 19.6 in. (50cm)-infinity; Macro AF: 4-19.6 in. (10-50cm) (WIDE), 12-19.6 in. (33-50cm) (TELE); Manual focus: 4 in. (10cm)-infinity (WIDE), 1 ft. (30cm)-infinity (TELE)	Normal AF: 18 in. (46cm)-infinity; Macro AF: 2-18 in. (5-46cm) (WIDE), 12-18 in. (30-46cm) (TELE)
Light Metering Method	Evaluative Metering, Center-weighted average metering or Spot metering	Evaluative Metering, Center-weighted average metering or Spot metering	Evaluative Metering, Center-weighted average metering or Spot metering	Evaluative Metering, Center-weighted average metering or Spot metering	Evaluative Metering, Center-weighted average metering or Spot metering
Exposure Control	Program AE, Shutter Priority, Aperture Priority or Manual; AE Lock is available	Program AE, Shutter Priority, Aperture Priority or Manual; AE Lock is available	Program AE, Shutter Priority, Aperture Priority or Manual; AE Lock is available	Program AE, Shutter Priority AE, Aperture Priority AE or Manual Exposure Control; AE Lock is available	Program AE; AE Lock is available
Compensation	+/-2.0 EV in 1/3 step increments.	+/-2.0 EV in 1/3 step increments.	+/-2.0 EV in 1/3 step increments.	+/-2.0 EV in 1/3 step increments.	+/-2.0 EV in 1/3 step increments.
White Balance Control	TTL Auto White Balance, Preset White Balance (Avail. settings: Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H or Flash), & Custom White Balance (two settings)	TTL Auto White Balance, Preset White Balance (Avail. settings: Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H or Flash), & Custom White Balance	TTL Auto White Balance, Preset White Balance (Avail. settings: Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H or Flash), & Custom White Balance	TTL Auto White Balance, Preset White Balance (Avail. settings: Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H or Flash), or Custom White Balance	TTL Auto White Balance, Preset White Balance (Avail. settings: Daylight, Cloudy, Tungsten, Fluorescent or Fluorescent H), & Custom White Balance
Optical Viewfinder	Color LCD viewfinder	Real-image optical zoom viewfinder	Color LCD viewfinder	Real-image optical zoom viewfinder	Real-image optical zoom viewfinder
LCD Viewfinder	2.0" low-temperature polycrystalline silicon TFT color LCD (Vari-angle)	1.8" low-temperature polycrystalline silicon TFT color LCD (Vari-angle)	1.5" low-temperature polycrystalline silicon TFT color LCD (Vari-angle)	1.8" low-temperature polycrystalline silicon TFT color LCD	1.5" low-temperature polycrystalline silicon TFT color LCD
Power Sources	Rechargeable lithium ion battery (BP-511A) or Compact Power Adapter CA-560, Car Battery Cable Kit CR-560	Rechargeable lithium ion battery (BP-511A) or Compact Power Adapter CA-560, Car Battery Cable Kit CR-560	Size AA Alkaline / NiMH Battery NB-2AH (x4) or AC Adapter Kit CA-PS700	Rechargeable lithium ion battery (NB-2L) or AC Adapter Kit ACK700	Rechargeable lithium ion battery (NB-1LH) or AC Adapter Kit ACK500, Car Battery Charger CBC-NB1
Dimensions (W x H x D)	4.6" x 2.8" x 3.6"/117.5 x 72 x 90.3mm	4.8" x 2.9" x 2.8"/121.0 x 73.9 x 69.9mm	4.4" x 3.1" x 2.6"/111.0 x 78.0 x 86.1mm	4.4" x 2.3" x 1.7"/112.0 x 58.0 x 42.0mm	3.4" x 2.2" x 1.1"/87.0 x 57.0 x 27.8mm
Weight	Approx. 19.2 oz./545g (camera body only)	Approx. 14.5 oz./410g (camera body only)	Approx. 131.1 oz./370g (camera body only)	Approx. 9.2 oz./260g (camera body only)	Approx. 6.5 oz./185g (camera body only)

POWERSHOT SPECIFICATION CHART

	PowerShot S410	PowerShot SD110	PowerShot SD10	PowerShot A80	PowerShot A75	PowerShot A60	PowerShot A310	
								
Type	Compact digital still camera w/ built-in flash & 3.6x Optical Zoom & 3.6x Digital Zoom, 11x Combined Zoom	Compact digital still camera w/ built-in flash & 2x Optical Zoom & 3.2x Digital Zoom, 6.4x Combined Zoom	Compact digital still camera w/ built-in flash & 5.7x Digital Zoom	Compact digital still camera w/ built-in flash & 3x Optical Zoom & 3.6x Digital Zoom, 11x Combined Zoom	Compact digital still camera w/ built-in flash & 3x Optical Zoom & 3.2x Digital Zoom, 10x Combined Zoom	Compact digital still camera w/ built-in flash & 3x Optical Zoom & 2.5x Digital Zoom, 7.5x Combined Zoom	Compact digital still camera w/ built-in flash & 5.1x Digital Zoom	
Image Capture Device	4.0 MP 1/1.8" CCD	3.2 MP 1/2.7" CCD	4.0 MP 1/2.5" CCD	4.0 MP 1/1.8" CCD	3.2 MP 1/2.7" CCD	2.0 MP 1/2.7" CCD	3.2 MP 1/2.7" CCD	
Color Depth	8 bits x 3 colors	8 bits x 3 colors	8 bits x 3 colors	8 bits x 3 colors	8 bits x 3 colors	8 bits x 3 colors	8 bits x 3 colors	
Resolution (Recording Pixels)	640 x 480 pixels (Small), 1024 x 768 (Med Low), 1600 x 1200 (Med High), 2272x 1704 (Large); 320 x 240 or 160 x 120 (Movie)	640 x 480 pixels (Small), 1024 x 768 (Med Low), 1600 x 1200 (Med High), 2048 x 1536 (Large); 320 x 240 or 160 x 120 (Movie)	640 x 480 pixels (Small), 1024 x 768 (Med Low), 1600 x 1200 (Med High), 2592 x 1944 (Large); 320 x 240 or 160 x 120 (Movie)	640 x 480 pixels (Small), 1024 x 768 (Med Low), 1600 x 1200 (Med High), 2272 x 1704 (Large); 320 x 240 or 160 x 120 (Movie)	640 x 480 pixels (Small), 1024 x 768 (Med Low), 1600 x 1200 (Med High), 2048 x 1536 (Large); 320 x 240 or 160 x 120 (Movie)	640 x 480 pixels (Small), 1024 x 768 (Med Low), 1600 x 1200 (Large); 640 x 480 320 x 240 or 160 x 120 (Movie)	640 x 480 pixels (Small), 1024 x 768 (Med Low), 1600 x 1200 (Med High), 2048 x 1536 (Large); 320 x 240 or 160 x 120 (Movie)	640 x 480 pixels (Small), 1024 x 768 (Med Low), 1600 x 1200 (Med High), 2048 x 1536 (Large); 320 x 240 or 160 x 120 (Movie)
ISO Sensitivity	Auto, or User Set ISO 50, 100, 200, 400	Auto, or User Set ISO 50, 100, 200, 400	Auto, or User Set ISO 50, 100, 200, 400	Auto, or User Set ISO 50, 100, 200, 400	Auto, or User Set ISO 50, 100, 200, 400	Auto, or User Set ISO 50, 100, 200, 400	Auto, or User Set ISO 50, 100, 200, 400	
Image Quality Modes (JPEG)	Normal, Fine, Superfine	Normal, Fine, Superfine	Normal, Fine, Superfine	Normal, Fine, Superfine	Normal, Fine, Superfine	Normal, Fine, Superfine	Normal, Fine, Superfine	
File Format	Design rule for Camera File System, DPOF Ver. 1.1 (Digital Print Order Format)	Design rule for Camera File System, DPOF Ver. 1.1 (Digital Print Order Format)	Design rule for Camera File System, DPOF Ver. 1.1 (Digital Print Order Format)	Design rule for Camera File System, DPOF Ver. 1.1 (Digital Print Order Format)	Design rule for Camera File System, DPOF Ver. 1.1 (Digital Print Order Format)	Design rule for Camera File System, DPOF Ver. 1.1 (Digital Print Order Format)	Design rule for Camera File System, DPOF Ver. 1.1 (Digital Print Order Format)	
Image Recording Format	Still Image: JPEG; Movie: AVI, Exif 2.2 compliant	Still Image: JPEG; Movie: AVI, Exif 2.2 compliant	Still Image: JPEG; Movie: AVI, Exif 2.2 compliant	Still Image: JPEG; Movie: AVI, Exif 2.2 compliant	Still Image: JPEG; Movie: AVI, Exif 2.2 compliant	Still Image: JPEG; Movie: AVI, Exif 2.2 compliant	Still Image: JPEG; Movie: AVI, Exif 2.2 compliant	
Recording Media	CompactFlash™ (CF) Card, Type I	SD Memory Card	SD Memory Card	CompactFlash™ (CF) Card, Type I	CompactFlash™ (CF) Card, Type I	CompactFlash™ (CF) Card, Type I	CompactFlash™ (CF) Card, Type I	
Shooting Modes	Auto, Manual, Stitch Assist, Movie, Continuous (Approx. 2.5 fps)	Auto, Manual, Stitch Assist, Movie, Continuous (Approx. 2.5 fps)	Auto, Manual, Slow Shutter, Quick Shot, Stitch Assist, Movie, Continuous (Approx. 2.2 fps)	Auto, Creative (P, Av, Tv, M), Image (Portrait, Landscape, Night Scene, Fast/Slow Shutter, Stitch Assist, Movie), Custom 1, Custom 2	Auto, Creative (P, Av, Tv, M), Image (Portrait, Landscape, Night Scene, Fast/Slow Shutter, Stitch Assist, Movie), Special Scene	Auto, Manual, Stitch Assist, Movie, Continuous (Approx. 2.6 fps), Self-Timer	Auto, Manual, Stitch Assist, Movie, Continuous (Approx. 2.2 fps), Self-Timer	
Photo Effects	Vivid, Neutral, Low Sharpness, Sepia, B/W	Vivid, Neutral, Low Sharpness, Sepia, B/W	Vivid, Neutral, Low Sharpness, Sepia, B/W	Vivid, Neutral, Low Sharpness, Sepia, B/W, Custom	Vivid, Neutral, Low Sharpness, Sepia, B/W	Vivid, Neutral, Low Sharpness, Sepia, B/W	Vivid, Neutral, Low Sharpness, Sepia, B/W	
Playback Modes	Single, Index (9 Thumbnails), Magnification (Approx. 2x-10x) or Slide Show, Movie	Single, Index (9 Thumbnails), Magnification (Approx. 2x-10x) or Slide Show, Movie	Single, Index (9 Thumbnails), Magnification (Approx. 2x-10x) or Slide Show, Movie	Single, Index (9 Thumbnails), Magnification (Approx. 2x-10x) or Slide Show, Movie	Single, Index (9 Thumbnails), Magnification (Approx. 2x-10x) or Slide Show, Movie	Single, Index (9 Thumbnails), Magnification (Approx. 2x-10x) or Slide Show, Movie	Single, Index (9 Thumbnails), Magnification (Approx. 2x-10x) or Slide Show, Movie	
Erase Mode	Single Images, All Images	Single Images, All Images	Single Images, All Images	Single Images, All Images	Single Images, All Images	Single Images, All Images	Single Images, All Images	
Interfaces	USB: AV Output (NTSC/PAL Selectable, monaural audio) & CF Card slot (Complied w/ Type I Standard), Direct Connection to Canon Direct Photo Printers & PictBridge compatible Printers	USB: AV Output (NTSC/PAL Selectable, monaural audio) & SD Memory Card slot, Direct Connection to Canon Direct Photo Printers & PictBridge compatible Printers	USB: AV Output (NTSC/PAL Selectable, monaural audio) & SD Memory Card slot, Direct Connection to Canon Direct Photo Printers & PictBridge compatible Printers	USB: AV Output (NTSC/PAL Selectable, monaural audio) & CF Card slot (Complied w/ Type I Standard), Direct Connection to Canon Direct Photo Printers & PictBridge compatible Printers	USB: AV Output (NTSC/PAL Selectable, monaural audio) & CF Card slot (Complied w/ Type I Standard), Direct Connection to Canon Direct Photo Printers & PictBridge compatible Printers	USB: AV Output (NTSC/PAL Selectable, monaural audio) & CF Card slot (Complied w/ Type I Standard) Direct Connection to Canon Direct Photo Printers & PictBridge compatible Printers*	USB: AV Output (NTSC/PAL Selectable, monaural audio) & CF Card slot (Complied w/ Type I Standard) Direct Connection to Canon Direct Photo Printers & PictBridge compatible Printers	
Lens	7.4-22.2mm, f/2.8-4.9 zoom lens (equiv. to 36-108mm in 35mm format)	5.4-10.8mm, f/2.8-3.9 zoom lens (equiv. to 35-70mm in 35mm format)	64mm, f/2.8 zoom lens (equiv. to 39mm in 35mm format)	7.8-23.4mm, f/2.8-4.9 zoom lens (equiv. to 38-114mm in 35mm format)	5.4-16.2mm, f/2.8-4.8 zoom lens (equiv. to 35-105mm in 35mm format)	5.4-16.2mm, f/2.8-4.8 zoom lens (equiv. to 35-105mm in 35mm format)	5mm, f/3.6 zoom lens (equiv. to 33mm in 35mm format)	
Shutter Speed	15-1/2000 sec. slow shutter of 1.3 sec. & more operates w/ noise reduction	15-1/1500 sec. slow shutter of 1.3 sec. & more operates w/ noise reduction	15-1/1500 sec. slow shutter of 1.3 sec. & more operates w/ noise reduction	15-1/2000 sec. slow shutter of 1.3 sec. & more operates w/ noise reduction	15-1/2000 sec. Slow shutter operates w/ noise reduction. 1.3-15 sec. are manually set	15-1/2000 sec. Slow shutter oper. w/ noise reduction. 1.3-15 sec. are manually set	1-1/2000 sec. Slow shutter oper. w/ noise reduction. 1/6-1 sec. in slow-sync/flash off	
Focus Range	Normal AF: 18 in. (46cm)-infinity; Macro AF: 2-18 in. (5-46cm) (WIDE), 12-18 in. (30-46cm) (TELE)	Normal AF: 18 in. (47cm)-infinity; Macro AF: 3.9-18 in. (10-47cm) (WIDE), 9.1-18 in. (23-47cm) (TELE)	Normal AF: 4 in. (10cm)-infinity; Macro AF: 1.2 in. (3cm)-infinity	Normal AF: 18 in. (46cm)-infinity; Macro AF: 2-18 in. (5-45cm) (WIDE), 10-18 in. (25-45cm) (TELE)	Normal AF: 18 in. (46cm) - infinity; Macro AF: 2 - 18 in. (5 - 46cm) (WIDE), 10 - 18 in. (26 - 46cm) (TELE); Manual: 2 in. (5cm)-infinity (WIDE), 10 in. (26cm) - infinity (TELE)	Normal AF: 18 in. (46cm) - infinity; Macro AF: 2 - 18 in. (5 - 46cm) (WIDE), 10 - 18 in. (26 - 46cm) (TELE); Manual: 2 in. (5cm)-infinity (WIDE), 10 in. (26cm) - infinity (TELE)	Normal AF: 7.9 in. (20cm)-infinity; Macro AF: 2-7.9 in. (5cm-20cm)	
Light Metering Method	Evaluative Metering, Center-weighted average metering or Spot metering	Evaluative Metering, Center-weighted average metering or Spot metering	Evaluative Metering, Center-weighted average metering or Spot metering	Evaluative Metering, Center-weighted average metering or Spot metering	Evaluative Metering, Center-weighted average metering or Spot metering	Evaluative Metering, Center-weighted average metering or Spot metering	Evaluative Metering, Center-weighted average metering or Spot metering	
Exposure Control	Program AE, Shutter Priority, Aperture Priority or Manual: AE Lock is available	Program AE, Shutter Priority, Aperture Priority or Manual: AE Lock is available	Program AE	Program AE, Shutter Priority AE, Aperture Priority AE, Manual Exposure Control	Program AE, Shutter Priority AE, Aperture Priority AE, Manual Exposure Control	Program AE, Shutter Priority AE, Aperture Priority AE, Manual Exposure Control	Program AE	
Compensation	+/-2.0 EV in 1/3 step increments.	+/-2.0 EV in 1/3 step increments.	+/-2.0 EV in 1/3 step increments.	+/-2.0 EV in 1/3 step increments.	+/-2.0 EV in 1/3 step increments.	+/-2.0 EV in 1/3 step increments.	+/-2.0 EV in 1/3 step increments.	
White Balance Control	TTL Auto White Balance, Preset White Balance (Avail. settings: Daylight, Cloudy, Tungsten, Fluorescent or Fluorescent H), & Custom White Balance	TTL Auto White Balance, Preset White Balance (Avail. settings: Daylight, Cloudy, Tungsten, Fluorescent or Fluorescent H), & Custom White Balance	TTL Auto White Balance, Preset White Balance (Avail. settings: Daylight, Cloudy, Tungsten, Fluorescent or Fluorescent H), & Custom White Balance	TTL Auto White Balance, Preset White Balance (Avail. settings: Daylight, Cloudy, Tungsten, Fluorescent or Fluorescent H), & Custom White Balance	TTL Auto White Balance, Preset White Balance (Avail. settings: Daylight, Cloudy, Tungsten, Fluorescent or Fluorescent H), & Custom White Balance	TTL Auto White Balance, Preset White Balance (Avail. settings: Daylight, Cloudy, Tungsten, Fluorescent or Fluorescent H), & Custom White Balance	TTL Auto White Balance, Preset White Balance (Avail. settings: Daylight, Cloudy, Tungsten, Fluorescent or Fluorescent H), & Custom White Balance	
Optical Viewfinder	Real-image optical zoom viewfinder	Real-image optical zoom viewfinder	-	Real-image optical zoom viewfinder	Real-image optical zoom viewfinder	Real-image optical zoom viewfinder	Real-image optical zoom viewfinder	
LCD Viewfinder	1.5" low-temperature polycrystalline silicon TFT color LCD	1.5" low-temperature polycrystalline silicon TFT color LCD	1.5" low-temperature polycrystalline silicon TFT color LCD	1.5" low-temperature polycrystalline silicon TFT color LCD (Vari-angle)	1.8" low-temperature polycrystalline silicon TFT color LCD	1.5" low-temperature polycrystalline silicon TFT color LCD	1.5" low-temperature polycrystalline silicon TFT color LCD	
Power Sources	Rechargeable lithium ion battery (NB-1LH) or AC Adapter Kit ACK500, Car Battery Charger CBC-NB1	Rechargeable lithium ion battery (NB-3L) or AC Adapter Kit ACK900	Rechargeable lithium ion battery (NB-3L) or AC Adapter Kit ACK900	Size AA Alkaline / NiMH Battery NB4-100 (x4) or AC Adapter Kit ACK600	Size AA Alkaline / NiMH Battery NB-2AH (x4) or AC Adapter Kit ACK600	Size AA Alkaline / NiMH Battery NB-2AH (x4) or AC Adapter Kit ACK600	Size AA Alkaline / NiMH Battery NB4-100 (x2) or AC Adapter Kit ACK800	
Dimensions (W x H x D)	3.4" x 2.2" x 1.1"/87.0 x 57.0 x 27.8mm	3.4" x 2.2" x 0.9"/85.0 x 56.0 x 23.9mm	3.6" x 1.9" x 0.7"/90.0 x 47.0 x 18.5mm	4.1" x 2.5" x 1.4"/103.1 x 64.6 x 34.7mm	4" x 2.5" x 1.2"/101.0 x 64.0 x 31.5 mm	4" x 2.5" x 1.2"/101.0 x 64.0 x 31.5 mm	4.3" x 2.3" x 1.4"/110.1 x 58.0 x 36.6 mm	
Weight	Approx. 6.5 oz./185g (camera body only)	Approx. 5.8 oz./165g (camera body only)	Approx. 3.5 oz./100g (camera body only)	Approx. 8.8 oz./250g (camera body only)	Approx. 7.1 oz./200g (camera body only)	Approx. 7.6 oz./215g (camera body only)	Approx. 6.2 oz./175g (camera body only)	

EOS SPECIFICATION CHART

	EOS 1Ds	EOS 1D Mark II	EOS 1D	EOS Digital Rebel
				
Autofocus System	TTL-Area SIR CMOS Sensor. One Shot & AI Servo AF w/ Focus Prediction. Man. focus confirm. possible w/ EF lenses. Automatic or manual focus point selection	TTL-Area SIR CMOS Sensor. One Shot & AI Servo AF w/ Focus Prediction. Man. focus confirm. possible w/ EF lenses. Automatic or manual focus point selection	TTL-Area SIR CMOS Sensor. One Shot & AI Servo AF w/ Focus Prediction. Man. focus confirm. possible w/ EF lenses.	TTL-Area SIR CMOS Sensor. One Shot & AI Servo AF w/ Focus Prediction. Man. focus confirm. possible w/ EF lenses.
Resolution (Total Pixels)	11.1 million pixels	8.2 million pixels	6.3 million pixels	6.3 million pixels
Resolution (Recording Pixels)	(Large) 4064 x 2704 (Small) 2032 x 1352	(Large) 3504 x 2336 (Middle 1) 3104 x 2072 (Middle 2) 2544 x 1696	(Large) 3072 x 2048 (Middle) 2048 x 1360 (Small) 1536 x 1024	(Large) 3072 x 2048 (Middle) 2048 x 1360 (Small) 1536 x 1024
Imaging Sensor	Full-frame, single-plate CMOS sensor	28.7 x 19.1mm single-plate CMOS sensor	22.7 x 15.1mm single-plate CMOS sensor	22.7 x 15.1mm single-plate CMOS sensor
Lens Conversion Factor	1x	1.3x	1.6x	1.6x
ISO Range	ISO 100 - 1250; ISO 50 via Custom Function	ISO 100 - 1600; ISO 3200 via Custom Function	ISO 100 - 1600; ISO 3200 via Custom Function	ISO 100 - 1600
Exposure Bracketting via ISO	Yes	Yes	Yes	Yes
Auto ISO in Full Auto Mode	None	None	None	None
Imaging Recording Format	RAW, RAW + JPEG, or JPEG	RAW, RAW + JPEG, or JPEG	RAW, RAW + JPEG, or JPEG	RAW, RAW + JPEG, or JPEG
Recording Media	CompactFlash™ cards, Type I & II	CompactFlash™ cards, Type I & II / SD memory cards	CompactFlash™ cards, Type I & II	CompactFlash™ cards, Type I & II
Interface to Computer	IEEE 1394 (FireWire™)	IEEE 1394 (FireWire™)	IEEE 1394 (FireWire™)	IEEE 1394 (FireWire™)
Autofocus	45-point Area AF	45-point Area AF	7-point Area AF	7-point Area AF
Shooting Speed (Maximum)	3 fps	3 fps	3 fps	2.5 fps
Burst rate (Maximum)	10 consecutive frames	40 consecutive frames	9 consecutive frames	4 consecutive frames
Shutter Speeds	30 sec. - 1/8000; X-sync at 1/250	30 sec. - 1/8000; X-sync at 1/250	30 sec. - 1/4000; X-sync at 1/200	30 sec. - 1/4000; X-sync at 1/200
Metering System	21-zone Evaluative metering 8.5% Partial metering 2.4% Center spot metering 2.4% Spot metering (linked to user-selected focusing point) Multi-spot metering (up to 8 spot readings) Center-weighted averaging Pre-flash metering (E-TTL)	21-zone Evaluative metering 13.5% Partial metering 3.8% Center spot metering 3.8% Spot metering (linked to user-selected focusing point) Multi-spot metering (up to 8 spot readings) Center-weighted averaging Pre-flash metering (E-TTL II)	35-zone Evaluative metering Center-weighted averaging 9% Partial metering	35-zone Evaluative metering Center-weighted averaging 9% Partial metering
Exposure Compensation	±3 steps in 0.3EV or 0.5EV increments	±3 steps in 0.3EV or 0.5EV increments	±2 steps in 0.3EV or 0.5EV increments	±2 steps in 0.3EV or 0.5EV increments
Built-in Flash	None	None	Yes (E-TTL automatic)	Yes (E-TTL automatic)
PC Socket for Studio Strobes	Yes	Yes	Yes	Yes
Viewfinder Coverage	100%	100%	Approx. 95%, H x V	Approx. 95%, H x V
Focusing Screens	Interchangeable (Ec series; nine available)	Interchangeable (Ec series; nine available)	non-interchangeable	non-interchangeable
LCD Monitor	2.0 inch; approx. 120,000 pixels	2.0 inch; approx. 230,000 pixels	2.0 inch; approx. 230,000 pixels	1.8 inch; approx. 118,000 pixels
Magnified Image Playback	Yes (via Custom Function 31) 25 segments viewable at fixed magnification	Yes Continuous zooming 1.5x - 10x	Yes Continuous zooming 1.5x - 10x	Yes Continuous zooming 1.5x - 10x
White Balance	Auto; 6 pre-sets, Custom, and *Kelvin (2800-10,000K)	Auto; 6 pre-sets, Custom, and *Kelvin (2800-10,000K)	Auto; 6 pre-sets, Custom, and *Kelvin (2800-10,000K)	Auto; 6 pre-sets and Custom
Color Space	sRGB / Adobe 1998 RGB	sRGB / Adobe 1998 RGB	sRGB / Adobe 1998 RGB	sRGB / Adobe 1998 RGB
Body Materials, Exterior	Magnesium Alloy	Magnesium Alloy	Magnesium Alloy	Polycarbonate
Chassis Construction	Die-cast Magnesium Alloy	Die-cast Magnesium Alloy	Die-cast Magnesium Alloy	Polycarbonate + Stainless Steel
Weather-resistant Sealing	Yes	Yes	Yes	None
Body Dimensions (W x H x D)	6.1 x 6.2 x 3.1 in. (156 x 157.6 x 79.9mm)	6.1 x 6.2 x 3.1 in. (156 x 157.6 x 79.9mm)	5.9 x 4.2 x 3.0 in. (149.7 x 107.5 x 75mm)	5.9 x 3.9 x 2.9 in. (142 x 99 x 72.4mm)
Weight (w/o battery, lens, CF)	44.6 oz. / 1265g	43 oz. / 1220g	27.9 oz. / 790g	19.7 oz. / 560g

SOFTWARE

Every Canon PowerShot camera package includes a comprehensive software bundle that gives the owner of a Windows or Macintosh personal computer a powerful set of camera control, image file management, and image viewing and editing tools.

DIRECT TRANSFER (Win)

PowerShot cameras* with the Print/Share button greatly simplify the transfer of image files to your computer. With the software installed and the camera connected to your PC, you need only to press the Print/Share button to initiate the file transfer process. A menu will appear on the camera's LCD, giving you a number of flexible file transfer options, including the transfer of a selected image and making it your PC's new desktop wallpaper.

ZOOMBROWSER EX (Win)/ IMAGEBROWSER (Mac)

ZoomBrowser EX for Windows and ImageBrowser for Mac provide essential camera connectivity, file management, and image viewing functions in a user-friendly application that is fast and reliable. Use the intuitive interface to download images



from your PowerShot camera's CompactFlash™ or SD memory card and organize image files on your computer hard drive. Transfer

your best shots to your computer, clear the card, and you're ready to shoot again.

FILE VIEWER UTILITY (Win/Mac)

Take full advantage of the RAW mode capability of certain Canon digital cameras using this handy program. Features include fast batch conversion of RAW files to other formats, such as TIFF and JPEG; RAW image preview at high speed; detailed control over numerous parameters; histogram display; and thumbnail catalogs.



PHOTORECORD (Win)

PhotoRecord for Windows lets you quickly and easily create photo layouts. Text can be added anywhere on the page. Now with Exif Print support, the program provides advanced printing capability with enhanced color accuracy and detail.

PHOTOSTITCH (Win/Mac)

Line up sequential images horizontally, vertically, or in 2 x 2 matrices to create ultra-high-resolution panoramic prints and posters. PowerShot cameras provide a Stitch Assist feature that helps you more accurately align consecutive shots for easier joining within the PhotoStitch application.



REMOTECAPTURE (Win/Mac)

This handy program lets you control many camera operations from a computer. View a live image*, adjust zoom*, set image size, quality, and other shooting conditions, and take the shot ... all by "remote control" on your computer. A new interface clearly displays all functions.



THIRD PARTY SOFTWARE: ARCSOFT CAMERA SUITE (Win/Mac)

Most Canon PowerShot cameras come with ArcSoft Photo Impression for still images and Video Impression for movies. They are easy-to-use yet powerful applications that let you adjust, perfect, and customize your images and video clips. Also included in the software bundle are the latest versions of Apple QuickTime for movie playback.



* With select models only.

PRINT SIZE VS. IMAGE QUALITY COMPARISON CHART

The chart below shows the recommended size an image should be printed according to the resolution and print sizes (suggested maximum) of the digital camera.

640 x 480	Small											
Computer Screen or TV Monitor												
1,024 x 768	Middle											
1,280 x 960	4" x 6"									1.0 MP		
1,600 x 1,200	6" x 8"									2.0 MP		
2,048 x 1,536	8.5" x 11"									3.0 MP		
2,272 x 1,704	11" x 14"									4.0 MP		
2,592 x 1,944	11" x 17"									5.0 MP		
3,264 x 2,448	16" x 20"									8.0 MP		

FOCAL LENGTH EQUIVALENT

Camera	Pro1	G5	S11S	S50	S500	S410	SD110	SD10	A80	A75	A60	A310
Optical Zoom	7x	4x	10x	3x	3x	2x	2x	-	3x	3x	3x	-
Focal Length Equivalent	28-200 mm	35-140 mm	38-380 mm	35-105 mm	36-108 mm	36-108 mm	35-70 mm	39 mm	38-114 mm	35-105 mm	35-105 mm	33 mm

ESTIMATED CF CARD CAPACITIES**

File Size	3 MP PowerShot Cameras			4 MP PowerShot Cameras			5 MP PowerShot Cameras			8 MP PowerShot Cameras		
	L/N	L/F	L/SF	L/N	L/F	L/SF	L/N	L/F	L/SF	L/N	L/F	L/SF
32MB	67	33	18	55	25	14	43	21	11	30	14	8
64MB	135	70	38	110	55	30	88	43	24	62	29	17
128MB	275	135	75	220	110	61	177	88	49	125	59	35
340MB	-	-	-	615	310	170	495	247	138	-	-	-
512MB	-	-	-	-	-	-	-	-	-	503	240	144

File Size	ALL PowerShot Cameras						
	M/N	M/F	S/N	S/F	Movie/High	Movie/Norm	Movie/Low
32MB	174	94	340	200	30 sec	91 sec	242 sec
64MB	349	189	700	410	61 sec	183 sec	486 sec
128MB	700	379	1,400	800	124 sec	368 sec	973 sec
340MB	1,800	1,000	3,600	2,100	-	1,015 sec	2,729 sec
512MB	-	-	-	-	-	-	-

* Figures above are based on Canon's standard test methods. Actual performance may vary according to shooting conditions, shooting modes used, ambient temperature, etc.

** Storage Capacity varies depending on camera model and shooting scene. All the numbers are approximate. Please check individual product literature for details. Maximum elapsed time for movie clips vary according to the camera model.