

Canon

SPRING AND SUMMER 2008

MAKE EVERY SHOT A POWERSHOT

DIGITAL CAMERA FULL LINE PRODUCT GUIDE

EOS DIGITAL
PowerShot



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*image*ANYWARE**

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Take Images from
Start to Finish
with Canon.

Photographers of all levels continue to turn to Canon to meet their imaging needs. Canon digital cameras achieve unrivaled image quality with advanced imaging technology, including the **DIGIC III** Image Processor, Optical Image Stabilizer and UA/UD lenses. Canon also offers an impressive array of accessories and printers specially designed for your Canon digital camera, so you can seamlessly augment its photographic capabilities and maximize the benefits of these technologies. Whether you're looking for the ultimate in compact style, the latest in pro-level technology, the freshest creative features or just the easiest camera around, look no further than Canon.

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EOS REBEL XSi

Infinite Possibilities.

- Outstanding Image Quality: New Canon 12.2 Megapixel CMOS sensor, 14-bit conversion for tone and gradations. Extensive noise reduction technology, and new Auto Optimization for superior highlight-shadow control.
- Excellent performance with 3.5 fps continuous shooting, up to 45 full-resolution JPEGs or 6 RAW images in a burst, and reduced shutter lag time.
- Large 3.0-inch LCD monitor, with 170° wide viewing angle, superior viewing in daylight, and Live View Function.
- Compatible with compact SD and SDHC memory cards.

For stunning photography with point and shoot ease look no further than Canon's EOS Rebel XSi. With a refined body, easy interface and speedy operation it's a cinch to use; Canon's proven technologies work behind the scenes to simplify any situation. No matter the subject, the EOS Rebel XSi promises stellar photography, easily.



EOS-1 Ds Mark III EOS Reborn.



- Superb image quality: entirely new 21.1 Megapixel Full-Frame Canon CMOS Sensor, 14-bit A/D conversions for outstanding color tones, and Highlight Tone Priority.
- Dual "DiGiC III" Image Processors for excellent image quality and processing speed.
- Live View Function capabilities, displayed on the large 3.0-inch LCD monitor.
- Outstanding durability thanks to a shutter durability-tested to 300,000 cycles, dust- and water-resistant design, and EOS Integrated Cleaning System.
- Excellent shooting performance: up to 5 fps, burst rate up to 12 consecutive RAW images or 56 full-resolution JPEGs, and compatible with newest UDMA high-speed CF cards.
- Fast and precise AF system with 19 high-precision, cross-type AF points with f/2.8 or faster lenses and 26 additional "Assist Points."



EOS-1 D Mark III The Fastest Digital SLR.*



- World's fastest* digital SLR: 10.1 Megapixel Canon CMOS Sensor shooting up to 10 fps, with a burst rate up to 110 full-resolution JPEG images or 30 RAW images.
- All new high-precision AF system with 19 user-selectable AF points and 26 additional "assist points," superior low-light performance and faster operation.
- Lightweight body with enhanced weather resistance and outstanding reliability: featuring a shutter that's durability-tested to 300,000 cycles.
- Dual "DiGiC III" Image Processors working in parallel to provide up to 50% less shadow noise and superb image quality, Highlight Tone Priority option adds control of bright highlights.
- Large 3.0-inch LCD monitor, featuring Live View Function.



* As of January 2008.

EOS 5D



Widen Your Horizon.

- World's smallest and lightest full-frame digital SLR*: 12.8 Megapixel Canon CMOS Sensor for exceptional image quality.
- **DiGiC II** Image Processor dramatically improves speed: 3.0 fps for up to 60 (JPEG) / 17 (RAW) consecutive frames in a burst.
- Large 2.5-inch LCD monitor.
- Canon's Picture Style feature, 9-point AF with 6 additional "assist" points and RAW + JPEG recording.



EOS 40D



The Spirit of Photography.

- 10.1 Megapixel Canon CMOS Sensor, extensive noise reduction technology.
- 6.5 fps, burst rate up to 75 consecutive JPEGs or 17 RAW images and **DiGiC III** Image Processor.
- Strong, rugged built quality, magnesium-alloy exterior, shutter durability-tested to 100,000 cycles.
- EOS Integrated Cleaning System, Picture Style settings, Spot metering, and Highlight Tone Priority for advanced in-camera image control.
- Large 3.0-inch LCD monitor and advanced Live View function.



EOS DIGITAL REBEL XTi



Incredibly Advanced. Remarkably Simple.

- High performance digital SLR with 10.1 Megapixel Canon CMOS sensor and **DiGiC II** Image processor.
- Large 2.5-inch LCD monitor with new user interface and wide viewing angle. Fast 3 frames-per-second shooting with 27-frame burst and a 0.2-second startup time.
- High Precision, wide area 9-point autofocus system.
- Picture Style settings for a broad range of control over color, contrast and sharpening.
- Strong, lightweight body with the EOS Integrated Cleaning System including a Self Cleaning Sensor Unit.



DiGiC III/II IMAGE PROCESSOR



The backbone of a good digital camera is the signal processing technology. Developed for high performance capturing and recording of digital images, Canon's **DiGiC III/II** chip speeds up processing, compression and display. With superior color reproduction, bright, high-saturation subjects achieve natural color rendition and white balance. The latest-generation **DiGiC III** Image Processor works in concert with Canon's CMOS sensors and DDR SDRAM buffer to achieve even higher levels of performance. The processor's outstanding power and speed deliver dramatically improved image quality and performance. Power consumption has been further reduced for even longer battery life. Color reproduction and noise reduction in low light situations have been significantly improved as well.

CMOS SENSOR

Canon developed its CMOS sensors for digital SLRs, taking advantage of proprietary knowledge from the development and manufacturing of its renowned autofocus sensors and semiconductor manufacturing equipment. Unlike 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. As a result, Canon's CMOS sensors produce a cleaner signal, and power consumption is reduced by up to 90% compared to CCDs. Using multi-channel signal paths, Canon has significantly increased data transfer speeds, dramatically improving camera responsiveness. In addition, Canon's CMOS sensors include unique on-chip noise reduction technology to minimize both fixed pattern and random noise, resulting in silky-smooth images.



EOS SYSTEM ACCESSORIES

The EOS System is unrivaled in its comprehensive array of accessories, ranging from battery grips to focusing screens to remote controls, that enhance power, customization and speed. Also, EOS cameras and EX-series Speedlites work in tandem to deliver great exposures and automatic balanced fill-in-flash.



EF LENSES

With nearly 60 EF lenses, the EOS System boasts one of the world's most comprehensive selection of autofocus lenses. All EF lenses feature Canon's advanced optical technology, offering quality, breadth and scope to photographers everywhere. L-Series lenses have a reputation in the professional photography world for remarkable performance. Their lens construction typically includes UD (Ultra-low Dispersion) glass, fluorite or aspherical elements coated with Super Spectra Coating for incredible clarity and brilliant colors. EF-S lenses were developed for EOS SLRs with APS-C size sensors. Lightweight and compact, these lenses take advantage of the sensor's size to deliver optimized performance without compromising image quality. For instantaneous, quiet autofocus, Canon developed the world's first USM (Ultrasonic Motor) for a lens.

To help prevent blurred images when shooting in low light or at slow shutter speeds, many EF lenses are equipped with Optical Image Stabilizer technology that corrects camera shake by shifting a lens group to realign the image on the imaging sensor or film.



Photographic Genius.

- A class-leading 12.1 Megapixel digital camera with Canon **DiG!C III** Image Processor, 6x Optical Zoom and Optical Image Stabilizer.
- Full range of shooting and recording modes including RAW + JPEG for the ultimate in creative control.
- Optical viewfinder plus large high-quality 3.0-inch PureColor LCD II screen for bright, accurate color with great viewing from a wide range of angles and with an anti-glare, anti-scratch coating.

This sophisticated, luxuriously appointed successor to Canon's G7 takes image quality to new heights with 12.1-megapixel resolution. A new RAW mode, combined with the RAW Image Task software, gives you unparalleled creative control, while the oversized, extra-durable, vibrant PureColor LCD II screen with wide viewing angle makes shooting a pure pleasure.



RAW Image Task



Shooting Modes



Basic Features and Functions



Supplied Accessories

- PowerShot G9 Body • Lithium-Ion Battery Pack NB-2LH* • Battery Charger CB-2LW* • MMC Plus Card
- MMC-32MH • Neck Strap NS-DC6 • Digital Camera Solution CD-ROM • USB Interface Cable IFC-400PCU* • AV Cable AVC-DC300*

Amazing Zoom, Amazing Camera.

- Full-featured, compact 8.0 Megapixel digital camera with a 12x Optical Zoom.
- Canon Optical Image Stabilizer Technology and ISO 1600 for steady shooting.
- **DiG!C III** Image Processor with improved Face Detection Technology and Red-eye Correction for sharper images and improved functionality.
- Hot shoe adapter for the Speedlite EX Series external flashes.
- Shoot easy movies with movies capable of 30 fps VGA or 60 fps QVGA. Also a convenient to use Movie Button, never having to switch to a shooting mode.

The S5 IS puts all the zooming power you want in a compact camera that creates both still images and movies of the very highest quality. Though simple to operate, it offers advanced users a world of creative possibilities including a hot shoe adapter for Speedlite EX Series external flashes.



Vari-angle LCD Screen



Shooting Modes



Basic Features and Functions



Supplied Accessories

- PowerShot S5 IS Body • 4 AA-size Alkaline Batteries • SD Memory Card SDC-32M • Lens Cap • Neck Strap NS-DC4
- Digital Camera Solution CD-ROM • USB Interface Cable IFC-400PCU* • Stereo Video Cable STV-250N*



Experience the Zoom Power.

- Exceptional value in a compact ultra-zoom 8.0 Megapixel digital camera with Canon DiGiC III Image Processor for superior image quality and vibrant colors.
- Zoom in for sharp, steady close-ups with Canon's 10x Optical Zoom lens with Optical Image Stabilizer.
- Genuine Canon Face Detection sets the focus, exposure and flash automatically, leaving you free to compose a group, capture an unguarded moment, or coax the perfect smile. Plus the Face Selector Button lets you select the primary face.

So simple, yet so powerful. The new PowerShot SX100 IS has a 10x optical zoom, Optical Image Stabilizer and a DiGiC III Image Processor. Face Detection with a Face Selector Button and Red-eye Correction deliver stunning people shots. An LP movie mode allows longer recording times so you can shoot high-quality, 30 fps sound movies, then play it back right on the camera.



Face Selector Button



Shooting Modes



Basic Features and Functions



Supplied Accessories

- PowerShot SX100 IS Body
- 2 AA-size Alkaline Batteries • SD Memory Card SDC-16M • Lens Cap • Wrist Strap WS-200 • Digital Camera Solution CD-ROM • USB Interface Cable IFC-400PCU* • AV Cable AVC-DC300*

Wrist Strap WS-200 • Digital Camera Solution CD-ROM • USB Interface Cable IFC-400PCU* • AV Cable AVC-DC300*



* Also available as optional accessory.

Titanium Takes a Curve.

- Pure Titanium 12.1 Megapixel Digital ELPH camera redefines elegance and power in an ultra-compact Perpetual Curve design.
- Optical Image Stabilizer Technology with an extended-range 3.7x Optical Zoom.
- DiGiC III Image Processor with Genuine Canon Face Detection sets the focus, exposure and flash automatically, leaving you free to compose a group, capture an unguarded moment.
- Optical viewfinder plus large high-quality 2.5-inch PureColor LCD screen for bright, accurate color with wide viewing angle and an anti-glare, anti-scratch coating.

The curved pure titanium exterior of the PowerShot SD950 IS Digital ELPH instantly commands respect, while inside it's equally impressive. There's 12.1-megapixel resolution for superb detail and an Optical Image Stabilizer to keep your shot sharp.



Titanium Body



* Also available as optional accessory.

Shooting Modes



Basic Features and Functions



Supplied Accessories

- PowerShot SD950 IS Digital ELPH Body
- Lithium-Ion Battery Pack NB-5L* • Battery Charger CB-2LX* • MMC Plus Card MMC-32MH • Wrist Strap WS-700 • Digital Camera Solution CD-ROM • USB Interface Cable IFC-400PCU* • AV Cable AVC-DC300*

Wrist Strap WS-700 • Digital Camera Solution CD-ROM • USB Interface Cable IFC-400PCU* • AV Cable AVC-DC300*



* Also available as optional accessory.

Image of Perfection.

When 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, titanium Canon PowerShot SD950 IS Digital ELPH camera in its own luxurious, custom-made Coach leather carrying case. It's an elegant gift for any occasion, brought to you by Canon and Coach.

PowerShot SD950 IS Coach Edition Kit Contents:

- PowerShot SD950 IS Digital ELPH Kit (Battery Charger, Wrist Strap, MMC Plus Card MMC-32MH, CD-ROMs, Battery Pack, Interface Cable, AV Cable)
- Coach Leather Carrying Case
- Coach Edition Metal Neck Strap



EST. 1941



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

Most Powerful Zoom in the ELPH Lineup.

- Advanced 10.0 Megapixel Digital ELPH camera with curved silhouette design.
- Packed with a powerful 5x Optical Zoom lens and Optical Image Stabilizer to reduce blurry images.
- **DiGIC III** Image Processor ensures sharp images and better functionality; enhanced Canon Face Detection AF/AE/FE/WB.
- Motion Detection Technology automatically detects subject movement and optimizes exposure control and ISO settings to reduce image blur.
- 2.5-inch PureColor LCD II screen for bright, accurate color with great viewing from a wide range of angles.

The PowerShot SD890 IS Digital ELPH camera puts you closer to the action with its powerful 5x optical zoom lens. Canon's exclusive Optical Image Stabilizer and Motion Detection Technology greatly reduce blur for spectacular clarity even when you're shooting at full zoom length, in dim light, or with a moving subject.



Motion Detection Technology

Shooting Modes



Basic Features and Functions



Supplied Accessories

- PowerShot SD890 IS Digital ELPH Body
- Lithium-Ion Battery Pack NB-5L*
- Battery Charger
- CB-2LX* • SD Memory Card SDC-32M • Wrist Strap WS-DC2 • Digital Camera Solution CD-ROM • USB Interface Cable IFC-400PCU* • AV Cable AVC-DC400*



* Also available as optional accessory.

Edgy Design That's Easy on the Eyes.

- Advanced 10.0 Megapixel Digital ELPH camera with 3x Optical Zoom and Optical Image Stabilizer.
- View your crisp clear images on a large 3.0-inch PureColor LCD II screen for bright, accurate color with great viewing from a wide range of angles.
- Improved Face Detection Technology sets the focus, exposure, flash and white balance automatically.
- Motion Detection Technology automatically detects subject movement and optimizes exposure control and ISO settings to reduce image blur.
- **DiGiC III Image Processor** ensures sharp images and better functionality; enhanced Canon Face Detection AF/AE/FE/WB.

Shooting Modes



Basic Features and Functions



Supplied Accessories

- PowerShot SD790 IS Digital ELPH Body
 - Lithium-ion Battery Pack NB-5L*
 - Battery Charger
- CB-2LX* • SD Memory Card SDC-32M • Wrist Strap WS-DC2 • Digital Camera Solution CD-ROM • USB Interface Cable IFC-400PCU* • AV Cable AVC-DC400*



NEW



* Also available as optional accessory.

Wide Angle, Brilliant Features.

- Stylish dual tone 8.0 Megapixel Digital ELPH camera in two elegant colors.
- 3.8x Wide-Angle Zoom lens to get more family and friends into one perfect photo.
- Large high-quality 3.0-inch PureColor LCD screen with wide viewing angle and with an anti-glare, anti-scratch coating.
- **DiGiC III Image Processor** with Genuine Canon Face Detection sets the focus, exposure and flash automatically.

The PowerShot SD870 IS Digital ELPH camera offers a 28mm wide-angle (35mm equivalent) lens and an Optical Image Stabilizer. Face Detection Technology keeps everyone looking their best even when you're using flash. Auto ISO Shift and ISO 1600 assure great pictures even in tough lighting conditions.

Shooting Modes



Basic Features and Functions



Supplied Accessories

- PowerShot SD870 IS Digital ELPH Body
 - Lithium-ion Battery Pack NB-5L*
 - Battery Charger
- CB-2LX* • SD Memory Card SDC-32M • Wrist Strap WS-DC2 • Digital Camera Solution CD-ROM • USB Interface Cable IFC-400PCU* • AV Cable AVC-DC300*



* Also available as optional accessory.

Slim, Sleek and Unmistakably ELPH.

- Stylish 10.0 Megapixel Digital ELPH camera with a 3x Optical Zoom and Optical Image Stabilizer.
- 2.5-inch PureColor LCD II screen for bright, accurate color with great viewing from a wide range of angles.
- DiGiC III Image Processor ensures sharp images and better functionality; enhanced Canon Face Detection AF/AE/FE/WB.
- Motion Detection Technology automatically detects subject movement and optimizes exposure control and ISO settings to reduce image blur.

Ramp up the style quotient in your everyday shooting with the Digital ELPH camera, available in black or silver, to feature an Optical Image Stabilizer. This icon of modern design delivers very impressive images thanks to plenty of high-end functionality including Motion Detection Technology and ISO 3200 shooting mode.



Shooting Modes



Basic Features and Functions



Supplied Accessories

- PowerShot SD770 IS Digital ELPH Body
- Lithium-ion Battery Pack NB-6L*
- Battery Charger CB-2LY*
- SD Memory Card SDC-32M
- Wrist Strap WS-DC2
- Digital Camera Solution CD-ROM
- USB Interface Cable IFC-400PCU*
- AV Cable AVC-DC400*



* Also available as optional accessory.

Color Comes with a Kick.

- Refined and stylish 8.0 Megapixel Digital ELPH camera with 3x Optical Zoom and Optical Image Stabilizer.
- Enhanced Canon Face Detection Technology automatically sets focus, exposure, flash and white balance for greater shooting freedom.
- Motion Detection Technology automatically detects subject movement and optimizes exposure control and ISO settings to reduce image blur.
- 2.5-inch PureColor LCD II for bright, accurate color with better viewing from a wide range of angles.

One look and you know, "It's all about me!" Color has never been so in touch with your stylish attitude. It gives Canon's Perpetual Curve design a sleek new energy, creating a memorable fusion of beauty and performance.



Shooting Modes



Basic Features and Functions



Supplied Accessories

- PowerShot SD1100 IS Digital ELPH Body
- Lithium-ion Battery Pack NB-4L*
- Battery Charger CB-2LV*
- SD Memory Card SDC-32M
- Wrist Strap WS-DC2
- Digital Camera Solution CD-ROM
- USB Interface Cable IFC-400PCU*
- AV Cable AVC-DC300*



* Also available as optional accessory.

Sleek Body with a Dramatic Display.

- Stylish 7.1 Megapixel Digital ELPH camera with 3x Optical Zoom lens.
- DiGiC III Image Processor with Face Detection Technology and Red-eye Correction for sharper images and improved functionality.
- Extra-large, high-resolution 3.0-inch PureColor LCD with scratch-resistant anti-reflection coating for easy on-camera viewing.
- Six movie modes including 30 fps VGA, Time Lapse and Fast Frame Rate.

The name ELPH is synonymous with great design, and the PowerShot SD750 Digital ELPH camera with scratch-resistant, anti-reflective coating on its extra-large, 3.0-inch PureColor LCD screen delivers on that promise. Substance keeps pace with style while advanced technology properly focuses and exposes faces, eliminates red-eye and gives you exciting movie options.



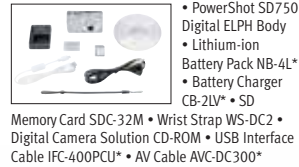
Shooting Modes



Basic Features and Functions



Supplied Accessories



* Also available as optional accessory.

High Performance and Value.

- Top-of-the-line A-Series model with upgraded features.
- 12.1 Megapixel resolution with Canon DiGiC III Image Processor and high-quality 6x Optical Zoom lens with Optical Image Stabilizer for exceptional image quality.
- Optical viewfinder plus large, high-quality 2.5-inch Vari-Angle LCD screen for flexible viewing at nearly every angle.
- Genuine Canon Face Detection sets the focus, exposure and flash automatically, leaving you free to compose a group, capture an unguarded moment, or coax the perfect smile.

Canon's A-Series raises the bar again, pairing a sporty feel and easy operability with a formidable array of features and capabilities. 12.1-megapixel resolution and Optical Image Stabilizer Technology create impeccably detailed, beautifully clear images. And shooting is especially fun with the big, wide-view, vari-angle LCD screen plus optical viewfinder.



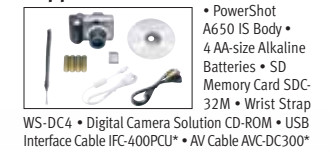
Shooting Modes



Basic Features and Functions



Supplied Accessories



* Also available as optional accessory.
Note: When using the converter lenses, we recommend using the LCD screen to preview composition and refraining from the use of the built-in flash to avoid harsh shadows in the resulting photos.

The Legacy of the A-Series.

- Exceptional A-Series camera with 8.0 Megapixel resolution, high-power 6x Optical Zoom with Optical Image Stabilizer.
- DiGiC III Image Processor with Genuine Canon Face Detection sets the focus, exposure and flash automatically.
- Easy-to-use Mode Dial with a wide range of shooting modes from fully manual to fully automatic, plus AA batteries for convenience anywhere you are.
- Compatible with a wide range of accessories including underwater case and wide-angle or telephoto converter lenses to expand your photographic capabilities.

All around value is what you'll find in the A-Series model. Stunning 8.0-megapixel resolution and a long 6x optical zoom with sophisticated Optical Image Stabilizer Technology are joined by advanced features like fully automatic shooting with Face Detection and Red-eye Correction. It even runs on AA batteries.



Image Stabilizer



Shooting Modes



Basic Features and Functions



Supplied Accessories

- PowerShot A720 IS Body • 2 AA-size Alkaline Batteries
- SD Memory Card SDC-16M • Wrist Strap WS-200
- Digital Camera Solution CD-ROM • USB Interface Cable IFC-400PCU* • AV Cable AVC-DC300*



Amazing Camera, Awesome Value.

- 8.0 Megapixels with 4x Optical Zoom, Optical Image Stabilizer, large bright 2.5-inch LCD for superb performance.
- New Easy Mode simplifies operation; shooting modes from Manual to Automatic make picture-taking carefree.
- DiGiC III Image Processor ensures sharp images and better functionality; enhanced Canon Face Detection AF/AE/FE/WB.
- Motion Detection Technology automatically reduces blur by calculating subject movement and selecting ideal exposure and ISO settings.
- Accepts Wide-Angle and Telephoto Converter Lenses.

When it comes to performance and value, the advanced features of the A590 IS stand out. Canon's new Face Detection White Balance automatically evaluates the individual faces in your scene to give your images true-to-life skin tones and natural colors.



Face Detection WB



NEW

Shooting Modes



Basic Features and Functions



Supplied Accessories

- PowerShot A590 IS Body • 2 AA-size Alkaline Batteries
- 32MB Memory Card
- Wrist Strap WS-800
- Digital Camera Solution CD-ROM • USB Interface Cable IFC-400PCU* • AV Cable AVC-DC300*



PowerShot A-Series

Maximum Convenience, and Fun.

- Feature-packed 8.0 Megapixel digital camera with 4x Optical Zoom and large bright 2.5-inch LCD.
- Take the guess work out of shooting with a new Easy Mode for taking photos with simple operation.
- Enhanced Canon Face Detection Technology automatically sets focus, exposure, flash and white balance for greater shooting freedom.
- **DiGiC III** Image Processor for sharp images and improved functionality.
- Motion Detection Technology automatically reduces blur by calculating subject movement and selecting ideal exposure and ISO settings.

Shooting Modes



Basic Features and Functions



Supplied Accessories

- PowerShot A580 Body • 2 AA-size Alkaline Batteries • 32MB Memory Card • Wrist Strap WS-800 • Digital Camera Solution CD-ROM • USB Interface Cable IFC-400PCU* • AV Cable AVC-DC300*



NEW



Feature-Packed, Value-Laden.

- Fully automatic 7.1 Megapixel digital camera with 3.4x Optical Zoom and a 2.5-inch LCD screen.
- Enhanced Canon Face Detection Technology automatically sets focus, exposure, flash and white balance for greater shooting freedom.
- **DiGiC III** Image Processor for sharp images and improved functionality.
- Motion Detection Technology automatically reduces blur by calculating subject movement and selecting ideal exposure and ISO settings.
- Vertical shooting is fast and easy with one touch of the Print/Share button.

Shooting Modes



Basic Features and Functions



Supplied Accessories

- PowerShot A470 Body • 2 AA-size Alkaline Batteries • SD Memory Card SDC-32M • Wrist Strap WS-800 • Digital Camera Solution CD-ROM • USB Interface Cable IFC-400PCU* • AV Cable AVC-DC300*

Available in four sensational colors, the A470 is as individual as you. Easy and convenient to use, the camera has a vertical shooting function that operates when you touch the Print/Share button and makes shooting at any angle a snap.



NEW



Canon Advantage

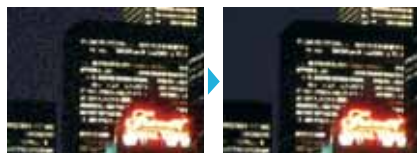


No Compromise in Image Quality

DIGIC III not only allows higher ISO settings for beautiful images in low light, but also reduces the resulting "noise" to keep image quality at its best.

DiG!C III Delivers More

DIGIC III is Canon's most advanced image processor ever, and builds on the superb performance of its DIGIC and DIGIC II predecessors. As the "nerve center" of the camera, DIGIC III brings excellence to many areas. Images have brilliant color and smooth gradations, performance is fast and responsive, and efficient power consumption keeps batteries going longer. DIGIC III also empowers some of Canon's newest and most advanced features, including Face Detection that finds, focuses and properly exposes



Without Noise Reduction

With Noise Reduction

faces, and ISO 1600 for clear images in low light.



Optical Image Stabilizer

Camera shake makes images blurry. Canon's own Optical Image Stabilizer* stops camera shake instantly, keeping your images sharp and gorgeous.



With Optical Image Stabilizer



Without Optical Image Stabilizer

A Steady Image is a Beautiful Image

Own a Genuine Canon Lens

Every PowerShot camera has one: a genuine Canon lens. Over 70 years of innovation in Canon optics technology has secured the loyalty of professional photographers worldwide, and inspired generations of remarkable images. A great lens is not only at the heart of every great image, but absolutely necessary to creating it in the first place.

* Not on all models.

Canon Advantage

So You Always Get the Shot You Want



Face Detection
AF/AE/FE/WB

Your most cherished images often feature faces, and Canon's advanced Face Detection Technology† gives every face its best chance to shine. The technology finds the face(s) in the frame and gives them optimal focus, exposure, white balance and flash. This ensures that both flesh tones and backgrounds are rendered with natural, realistic hues.



With Face Selector AF

Up To 35 Faces Detected

Face Selector can detect up to 35 faces with a single press of a button. Face Selector AF lets you track a specific face, retain focus even as it moves, and press the shutter button when you're ready.



Select the main photographic subject



Focus and track on the target face without fail



With AF Point Zoom

Catch Her Best Expression

AF Point Zoom lets you zoom in on a selected face to check its expression and make adjustments without missing the best shot.

Compelling Advantages for ISO Settings



Motion Detection
Technology

Canon's new Motion Detection Technology* makes it easier than ever to capture a clear, sharp image every time. As you compose your photos and snap away, it automatically optimizes ISO settings based on changes in brightness, changes between frames, and motion detected by Optical Image Stabilizer, Face Detection, AE Function, and AF Technology. All you need is to set High ISO Auto mode and the result is stunning photos with every shot.



With Motion Detection Technology

The Ultimate in Anti-Blur

When the camera detects a subject in motion, it automatically sets a higher ISO number and faster shutter speed to reduce blur.



Without Motion Detection Technology



ISO 800

Unsurpassed Noise Control

When subject or camera movement is not detected, lower ISOs are set automatically. The result is beautiful, sharp images with great color and low digital noise.



ISO 100

PowerShot
Technology

PowerShot Technology

Digital Performance

DIGIC III DIGIC III IMAGE PROCESSOR

Canon designs and manufactures its own image processors, and their seamless integration with Canon's other technologies creates the best possible images. The DIGIC Image Processor delivers superior image quality, rich color, faster operation, and lower power consumption. DIGIC III is Canon's third generation digital image processor. DIGIC III significantly reduces noise, making possible the high ISO settings that give you better shots in more situations. Canon's revolutionary Face Detection Technology is another benefit enabled by the highly advanced DIGIC III Image Processor.



DIGIC III

iSAPS ISAPS TECHNOLOGY

PowerShot cameras automatically find the optimal settings for Autofocus, Auto Exposure and Auto White Balance systems. How? iSAPS (Intelligent Scene Analysis based on Photographic Space) technology. iSAPS combines advanced prediction algorithms with statistical frequencies for key factors based on Canon's over 70 years of accumulated data. Effortlessly and in any situation, you'll get the sharp focus and proper exposure that turn good images into great ones.

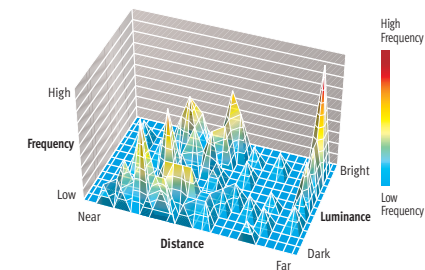


Diagram of Photographic Space

INTELLIGENT ORIENTATION SENSOR

PowerShot cameras automatically sense whether a picture is being taken horizontally or vertically. The camera's Autofocus, Auto Exposure and Auto White Balance systems use the information to achieve a level of image quality not possible with less sophisticated cameras. Moreover, pictures are properly oriented during playback, whether on the camera's screen or a computer monitor.



NR NOISE REDUCTION

Experienced photographers know that high ISO speeds can coincide with increased levels of noise: aberrant or stray signals that degrade image quality. With Canon's exclusive DIGIC III Image Processor, there is no need for compromise. DIGIC III offers a major boost in noise reduction signal processing to compensate for the higher ISO settings it enables.



RAW RAW MODE*

The PowerShot G9's RAW mode lets you shoot images without the camera processing them in any way. RAW images are processed in your computer, using Canon's supplied RAW Image Task software. Creative control is completely in your hands as you adjust a wide range of variables to produce exactly the final image you want.

Optical Technology

OPTICAL IMAGE STABILIZER*

Camera shake often blurs images in low light and at long focal lengths. Canon's Optical Image Stabilizer technology corrects camera shake so you can achieve excellent quality images in many difficult situations — outdoors at dusk, inside without a flash, even at the end of the zoom range without a tripod. The sophisticated system detects camera shake and optically counters the movement, effectively canceling unwanted lens movement and vibration. Because it is an optical system, there is none of the image degradation typical with electronic image stabilizers.



Image Stabilizer Unit



Without Optical Image Stabilizer

With Optical Image Stabilizer

UA LENS TECHNOLOGY*

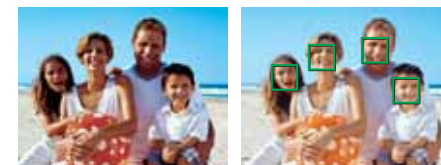
The UA lens is a Canon exclusive: a glass-molded aspherical lens with an ultra-high refractive index that delivers incredibly bright, clear shots. Its amazingly small size is a major factor in keeping the PowerShot cameras so compact.



AF & Exposure Metering

FACE DETECTION AF/AE/FE/WB**

You always get the shot you want with a camera equipped with the DIGIC III Image Processor featuring Face Detection Technology. When the shutter button is pressed halfway, the camera finds the face or faces in the frame to ensure excellent focus and proper illumination of both the face(s) and the overall scene. The system also adjusts the flash for the location of the face(s).



Without Face Detection AF/AE/FE

With Face Detection AF/AE/FE

Face Detection AF finds faces, tracks them as you frame your shot, then delivers perfect focus.
Face Detection AE makes all your group shots better by concentrating exposure on your subjects' faces, not their clothes or the background.
Face Detection FE adjusts the flash exposure based on the location of the faces in the frame.
NEW Face Detection WB detects the faces in the shot and concentrates auto white balance on them, for the best possible skin tones.



Without Face Detection WB

With Face Detection WB

Face Selector AF lets you focus on a specific face. The selected face is double-framed and tracked as it moves in the frame. The SX100 IS has a dedicated Face Selector Button for easy operation.



Face Selector Button

PowerShot Technology

AiAF MULTI-POINT AiAF*

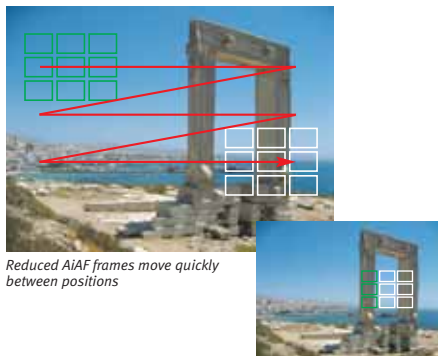
Canon's wide-area AiAF automatically selects one or more focusing points based on the position of the subject within the frame. This allows you to quickly and accurately focus your shot under a wide variety of shooting conditions, even when the subject is not centered.



Multi-Point AiAF

AF FRAME SIZE MODIFICATION*

AF Frame Size Modification lets you reduce the size of a single AF point, for even more precise focus. Some models also allow the nine-point AiAF cluster to be reduced in size, and moved freely around most of the picture area, as shown below.



Reduced AiAF frames move quickly between positions

9-Point AiAF Small

FLEXIZONE AF/AE FLEXIZONE AF/AE*

Using FlexiZone AF/AE, you can freely move a single AF point around the frame. This lets you easily focus on off-center subjects without reframing the shot. When spot metering is selected, you can measure exposure at the chosen AF point or at the center of the frame. With this information, you can handle difficult lighting situations like a pro.

AF POINT ZOOM* **NEW**

Turn on the AF Point Zoom feature to see an enlargement of the focus position when you press the shutter halfway for focus (when Face Detect AF or one-point AF is in use). This feature makes it easy to capture the perfect facial expression of your subject, or check for precise focus in macro shots.



SAFETY SHIFT & SAFETY FE*

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 achieve proper exposure for the given brightness conditions. Safety FE makes automatic adjustments to prevent over- or under-exposed flash shots when shooting in manual mode.

SAFETY MF (MANUAL FOCUS)*

After focusing the camera in manual focus mode, simply depress the shutter button halfway and the camera will automatically perform a fine adjustment for perfect focus. Safety MF can also be disabled for complete manual control.



Open the Door to the World of SLR Photography

Everything SLR photography and the Canon EOS System have to offer can be yours with the EOS Rebel XSi. Right from the start, the advanced automation propels your images to the next level. When you're ready, you can exercise your full creative control as well as access any of Canon's legendary lenses and accessories.

EOS
REBEL XSi

Canon



GOLDEN TONE

BOHEMIAN BROWN

PINK MELODY

SWING SILVER

RHYTHM & BLUE

Inspiration of ELPH

Your style. Flair. Fresh take on creativity. They're all summed up in the newest Digital ELPH cameras from Canon. With imaginative colors and designs for every mood and moment, Digital ELPH is as personal as it gets. And it's clearly focused on the future with the most advanced features. Let the real you come through. It's as close as the vibrant, always innovative world of Digital ELPH.



PowerShot SD1100 IS
DIGITAL ELPH

8.0 Megapixels • 3x Optical Zoom • 2.5 inch LCD Screen



In a World of Choices, Maria's is PowerShot.

Off court, Maria takes her shots with the stylish PowerShot SD1100 IS Digital ELPH. That's because DIGIC III ensures sharp images and fast performance, while Canon's Optical Image Stabilizer, Face Detection AF/AE/FE/WB and Motion Detection Technology capture perfect face shots. Add the shooting fun of a 2.5-inch PureColor LCD II, and she's got the world-class performance she expects.

Canon
PowerShot
DIGITAL CAMERA

PowerShot
SD1100 IS
Digital ELPH
Pink Melody



EXPOSURE METERING

Advanced photographers can select one of three light-metering modes: evaluative metering, center-weighted average metering, or spot metering. With some models, spot metering can also be linked to the AF point, and moved around the picture area.



Evaluative Metering



Spot Metering

EXPOSURE COMPENSATION & FLASH EXPOSURE COMPENSATION*

With Exposure Compensation and Flash Exposure Compensation, you can adjust the exposure and/or flash output above or below the level the camera automatically selects by up to ± 2.0 stops in 1/3-stop increments. This is particularly useful for shooting situations that are difficult for the camera's automated sensors to meter correctly, such as subjects that are unusually light or dark in color.

MANUALLY ADJUSTABLE FLASH*

PowerShot cameras allow you to manually change the flash strength to perfectly suit your need. Set the flash strength to one of 3 levels — weak, medium or strong.



Weak



Medium



Strong

Shooting Function

ISO SETTING

Canon's highly advanced DIGIC III Image Processor enables a range of ISO equivalent settings from 80 to 1600, achieving excellent image quality under darker conditions without a flash. With camera shake greatly reduced, you can shoot high quality images in many more situations. On the PowerShot G9, ISO settings are quickly accessible from a dedicated control dial.



ISO 80



ISO 1600

HIGH ISO AUTO*

High ISO Auto allows the camera to select a wide range of ISOs automatically, depending upon the subject and scene. With Canon's latest Motion Detection Technology*, it's even more advanced — it also factors in camera or subject movement when setting ISO automatically.



Without High ISO Auto



With High ISO Auto

* Not on all models.

PowerShot Technology

AUTO ISO SHIFT*

While sensitivity should in general be kept as low as possible for maximum image quality, too low a setting can cause camera shake and blurry photos. PowerShot cameras with Auto ISO Shift instantly maximize sensitivity for the given light, either automatically or at the push of a button. It minimizes camera shake, without the need to change the setting manually. The feature keeps you in creative control, allowing you to specify parameters for an ISO shift, or be notified when sensitivity is adjusted automatically.

WB SELECT WHITE BALANCE

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

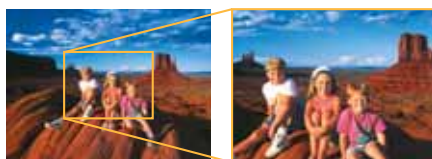
- ☀ **Daylight:** For shooting outdoors on sunny days.
- ☁ **Cloudy:** For shooting outdoors on cloudy days.
- 💡 **Tungsten:** Provides a good balance with photofloods or incandescent household lights.
- ⚡ **Fluorescent:** Compensates for the greenish cast caused by common fluorescent tubes.
- 📺 **Fluorescent H:** For recording under daylight fluorescent lighting.
- ⚡ **Flash:** A good starting point with many studio strobes.
- 👤 **Underwater*:** For shooting underwater with a camera protected by an optional Waterproof Case.

SAFETY ZOOM

Set a minimum acceptable megapixel count for images taken when using the digital zoom, and Safety Zoom will let you make optimal use of the digital zoom range. The zoom pauses at the end of your preset safety range, rather than at the end of the optical zoom range.

DIGITAL TELE CONVERTER*

The digital tele converter feature lets you shoot subjects at great distances without mounting a separate tele converter lens. Simply select one of two magnification levels from the menu.



Without Digital Tele Converter

With Digital Tele Converter

RED-EYE CORRECTION

New technology combines with Face Detection to allow select PowerShot cameras to detect and remove red-eye, as images are played back on the LCD monitor. Some models even can detect and remove red-eye as photographs are taken*.



Without Red-eye Correction

With Red-eye Correction

16:9 WIDESCREEN RESOLUTION

Select PowerShot models feature a Widescreen recording setting. Images captured in Widescreen have a 16:9 aspect ratio, so you'll see no warping or cropping when viewing them on widescreen televisions or computer monitors.



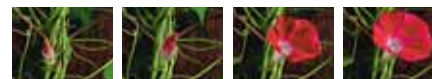
Movie & Sound Recording

VGA/XGA MOVIE RECORDING & HIGH-SPEED AF/AE/AWB IN MOVIE MODE

Smooth, high quality movie clips can be captured at full VGA resolution (640 x 480) and 640 x 480 LP mode. Some PowerShot models also offer XGA size (1024 x 768 at 15 fps) for stunning detail. You have complete access to zoom, exposure compensation, AE Lock and AF Lock functions in movie mode. Some PowerShot models automatically detect faces and bring them into focus during movie recording, and automatically adjust AF, AE and AWB as well. Photo effects including Sepia and Black & White can be used to enhance the creativity of your movies, and with PowerShot S5 IS, you can shoot video with stereo sound.

TIME LAPSE MOVIES*

Time Lapse mode mimics the effect of time-lapse photography. Clips are recorded at one or two fps, then played back at 15 fps for a fascinating effect.



MOVIESNAP*

Great shots can happen at any time, even while you're recording a movie. The S5 IS's MovieSnap lets you capture a special moment as a high-resolution still image while simultaneously shooting a movie: simply press the shutter button down fully. The camera will record the image at the same resolution and compression rate you've previously selected.



LCD/Playback Features

PURECOLOR LCD/PURECOLOR LCD II*

A color filter in the durable, scratch-resistant LCD screen expands the color range for a sharp and vivid display. Canon's second-generation PureColor LCD II offers spectacular color, resolution and contrast, all visible even at an angle. The screen makes it easy to gather friends and family around to see your images.

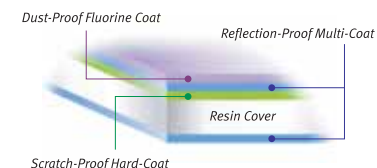


Conventional LCD

with PureColor LCD II

COATING FOR LCD SCREENS & WIDE VIEWING ANGLE*

Many PowerShot models with large 2.5-inch or 3.0-inch LCD screens now have an extra measure of durability: a stain-, dust-, scratch-, and fingerprint-resistant coating on the LCD screen. In addition, the top and bottom edges have an anti-reflective coating for clear visibility even in strong sunlight. Images and menu text are all easier to see and work with. Select PowerShot models have an antireflective coating on the surface of the LCD so images are vivid even from wide angles. This Wide Viewing Angle feature makes it easy to show your images to a group of family, friends or colleagues.

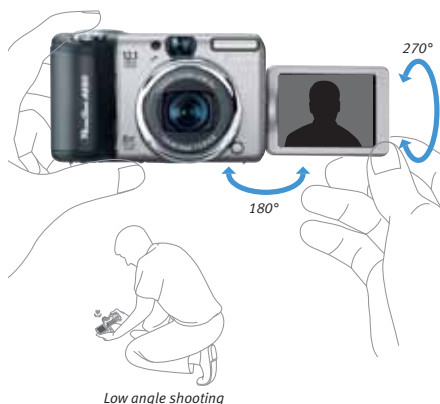


* Not on all models.

PowerShot Technology

VARI-ANGLE LCD SCREEN*

The screen conveniently flips out, allowing you to tilt the LCD up or down to minimize reflections or to compose at unusual shooting angles. Rotate forward for perfectly framed self-portraits.



NIGHT DISPLAY FUNCTION

When you are shooting at dusk or at night, Night Display function lets you see the LCD screen clearly. Objects in the screen are brightened to make shooting easy.



HISTOGRAM/REAL-TIME HISTOGRAM*

A Histogram LCD display of the image you've just taken shows you brightness values in graphic form, allowing you to make informed adjustments on subsequent shots. The G9, S5 IS, and SD950 IS feature Real-Time Histogram, displaying the brightness distribution of the scene in real time during shooting.

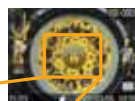
3:2 GUIDE DISPLAY

Now you can clearly see which area of the LCD display will print in a typical 4"x6" print, simply by choosing the 3:2 Display Overlay option from the menu.



MAGNIFIED PLAYBACK

During playback, images on the LCD screen can be magnified to reveal greater detail. You can zoom into the image with magnifications ranging from 2x to 10x and can scroll vertically or horizontally to view any part of the frame. Once an image has been magnified, there is no need to return to the original size before viewing the next or previous image.



Wide-angle, high resolution LCD monitor lets you verify focus

MOVIE EDITING*

PowerShot cameras let you edit or erase unwanted movie clips and delete sections from the beginning and/or end of scenes. Playback mode offers convenient navigation options. Models with enhanced Movie Playback UI even show you playback time, a progress bar and recording time on the LCD screen.

JUMP FUNCTION

With the Jump function, you can opt to display the tenth or hundredth image, skip through images by shot date, and instantly display a movie — all with detailed information about the selected search.

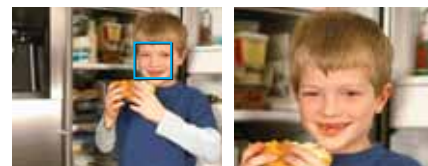


SLIDE SHOW

Many PowerShot cameras offer the convenience of viewing captured images and movies as a Slide Show on the camera's LCD screen. You can individually choose images and movies to include, or select them by date or folder.

IN-CAMERA TRIMMING*

Select PowerShot models let you trim your images right on camera, saving you time at the retouching stage. In playback mode, you simply size and place a trimming frame on the LCD screen. Choose a face or any other part of an image to center and enlarge, creating the exact image you want.



Original image

After In-Camera Trimming

IMAGE RESIZING*

The ability to resize images (to 1600 x 1200, 640 x 480, or 320 x 240) in your camera means that images are ready to be sent via email or posted to your blog the instant you upload them to your computer; no computer editing is necessary. Resizing also frees up space on your memory card.

Convenient Features



MY CATEGORY*

Many PowerShot models feature My Category: a handy time-saver and organizational tool that lets you categorize still images and movies. Entire categories (select from up to 7) can then be played, printed, erased or protected.



PRINT ORDER SETTING*

PowerShot cameras with a Print/Share button let you simply press the button during playback to add the displayed image to your print list. This makes printing to direct print compatible printers (such as Canon SELPHY and PIXMA printers) quicker and easier than ever.



LANG. MULTI-LANGUAGE SUPPORT

Select from a number of different languages for on-screen menu text. Your choices may include English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified/Traditional Chinese, Japanese, Korean, Russian, Portuguese, Greek, Polish, Czech, Hungarian, Turkish, Thai, Arabic, Romanian, and Ukrainian.

PowerShot Technology

My Colors[†]



My Colors lets you customize color before/after shooting and correct individual colors on the LCD screen as you shoot!



Positive Film*

Combines "Vivid Red," "Vivid Green" and "Vivid Blue" to achieve a highly saturated effect.



Vivid Red*

Charges up red objects in your images for extra impact.



Vivid Green*

Adds vivid dimension to greens for extraordinary nature shots.



Vivid Blue*

Emphasizes the sea, sky or other blue areas.



Lighter Skin Tone*

Lightens your subjects' skin tones.



Darker Skin Tone*

Darkens skin tones a shade.



Custom Color

Sets balance of red, green, blue and skin colors and finely adjust brightness and vividness.



Vivid Color

Yields vibrant shots with dramatic high-contrast.



Neutral Color

Produces images of subtle, elegant tonality.



Black & White

Delivers enhanced clarity — especially useful when shooting text.



Sepia

Recreates the look of vintage photographs.

PowerShot Technology

Shooting Modes & Special Scene Mode



PowerShot cameras offer shooting modes that make it easy to take perfect photos in a wide range of shooting situations by providing intelligent presets with optimized settings. Special Scene Mode gives you advanced presets to ensure the best possible photos under difficult shooting conditions.



Easy mode is perfect for new photographers: just press the shutter button for fail-proof images.



Sets all parameters for you, providing point-and-shoot simplicity.



Brings the subject into focus while beautifully blurring the background.



Increases depth-of-field for sharp and sweeping landscape shots.



The camera reduces focus time so you won't miss those special shots.



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



Blur is minimized when you're shooting at dusk or in front of a nighttime background.



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



XGA (1,024 x 768), VGA (640 x 480), QVGA (320 x 240), Compact (160 x 120) with audio. Unwanted scenes can be deleted in playback mode.



You set the aperture, controlling depth-of-field. The camera automatically selects the shutter speed.



You select the shutter speed, and the camera automatically selects the appropriate aperture.



Expands your ability to shoot in even darker settings without using the flash, and helps capture well-exposed images.



You have complete control of exposure, selecting both aperture and shutter speed manually.



Capture brilliant shots of autumn foliage, greenery and blossoms.



The camera adjusts image quality to achieve proper flash-free exposure and natural hues when shooting at an indoor aquarium.



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

PowerShot Technology



Snow

Shoot clear snow scenes without darkened subjects and bluish tint.



Color Accent*

Choose to retain a single color in your image while other colors turn monochrome.



Sunset* NEW

Retain all the vivid colors of a sunset along with optimum white balance.



Color Swap*

Select a color and replace it with a color you specify for special effects.



Fireworks

Create brilliant images of skyrocketing fireworks.



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.



Underwater*

Capture underwater images with reduced backscatter effect. Optional Underwater Case required.



Super Macro*

Select the Macro Mode from your camera's shooting modes. This function will let you focus less than an inch from the subject – discover a world of fascinating textures.



Indoor

Reduce blur and improve color accuracy when shooting handheld indoors.



Digital Macro*

The camera trims the image center and digitally zooms to create beautifully enlarged close-ups.



Sports*

The camera uses high shutter speeds to capture fast-moving subjects.

POWERSHOT ICON CHART

Shooting Modes



PowerShot Features



Accessories (Available as optional accessory.)



* Not on all models.

POWERSHOT ACCESSORIES

| | PowerShot Accessory Kit | | | | | | | | | | Case | | | | | | | |
|-----------|----------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------------------------------------------|------------------------|------------------------|-------------------------|-------------------------|----------------------------------|----------------------|----------------------------------|--------------------|-------------------------|--|--|
| | PowerShot S Series Accessory Kit 3 0716B002 | Digital ELPH Camera Accessory Kit 4 9763A006 | Digital ELPH Camera Accessory Kit 5 1135B003 | Digital ELPH Camera Accessory Kit 6 2349B005 | PowerShot A-Series Accessory Kit 6872A007 | PSC-5000 1974B001 | PSC-1000 3089B001 (Blue), 3088B002 (Pink) 2349B001 (Grey), 2350B001 (Burgundy) | | | | PSC-400 3087B001 | PSC-100 2596B001 | PSC-85 2595B002 | PSC-80 0060B001 | PSC-75 0716B001 | PSC-55 1588B001 | | |
| | | | | | | | | | | | | | | | | | | |
| G9 | | | | | | • | | | | | | | | | | | | |
| S5 IS | • | | | | | | | | | | | | | • | | | | |
| SX100 IS | | | | | | | | | | • | | | | | | | | |
| SD950 IS | | | • | | | | | | | | | | | | • | | | |
| SD890 IS | | | • | | | | | | | | | | | | • | | | |
| SD790 IS | | | • | | | | | | | | | | | | • | | | |
| SD870 IS | | | • | | | | | | | | | | | | • | | | |
| SD770 IS | | | | | | | • | | | | | | | | • | | | |
| SD1100 IS | | • | | | • | | • | | | | | | | | • | | | |
| SD750 | | • | | | | | | | | | | | | | • | | | |
| A650 IS | | | | | • | | | | | | | • | | | | | | |
| A720 IS | | | | | • | | | | | | | • | | | | | | |
| A590 IS | | | | | • | | | | | | | • | | | | | | |
| A580 | | | | | | | | | | | | • | | | | | | |
| A470 | | | | | | | | | | • | | | • | | | | | |
| Remarks | Contents: • Deluxe Soft Case PSC-75 • Battery & Charger Kit CBK4-300 | Contents: • Deluxe Leather Case PSC-55 • Metal Neck Strap 1 • Battery Pack NB-4L | Contents: • Deluxe Leather Case PSC-55 • Metal Neck Strap 1 • Battery Pack NB-5L | Contents: • Deluxe Leather Case PSC-1000 • Metal Neck Strap 1 • Battery Pack NB-4L | Contents: • Deluxe Soft Compact Case PSC-85 • Battery & Charger Kit CBK4-300 | | | | | | | | | | | | | |
| | Battery | Underwater | | Wide Converter | | | | Wide Converter | | | | Tele Converter | | | | Conversion Lens Adapter | | |
| | Battery Pack | Waterproof Case | Waterproof Case Weight WW-DC1 9876A001 | WC-DC58N 8158A001 | WC-DC58B 1595B001 | WC-DC58A 0299B001 | WC-DC52 6866A001 | TC-DC58C 1594B001 | TC-DC58B 0300B001 | TC-DC58N 8159A001 | TC-DC52A 9085A001 | LA-DC58J 2316B001 | LA-DC58H 1593B001 | LA-DC58G 1172B001 | | | | |
| | | | | | | | | | | | | | | | | | | |
| G9 | NB-2LH (240 Shots)* | WP-DC21 | • | | 26.3mm | | | 420mm | | | | | | | | | | |
| S5 IS | NB4-300 (450 Shots)* | | | | | 27.0mm | | | 648mm | | | | | | | | | |
| SX100 IS | NB4-300 (400 Shots)* | | | | | | | | | | | | | | | | | |
| SD950 IS | NB-5L (240 Shots)* | WP-DC19 | | | | | | | | | | | | | | | | |
| SD890 IS | NB-5L (320 Shots)* | | | | | | | | | | | | | | | | | |
| SD790 IS | NB-5L (330 Shots)* | WP-DC24 | | | | | | | | | | | | | | | | |
| SD870 IS | NB-5L (270 Shots)* | WP-DC17 | | | | | | | | | | | | | | | | |
| SD770 IS | NB-6L (300 Shots)* | WP-DC23 | • | | | | | | | | | | | | | | | |
| SD1100 IS | NB-4L (240 Shots)* | WP-DC22 | • | | | | | | | | | | | | | | | |
| SD750 | NB-4L (210 Shots)* | WP-DC14 | | | | | | | | | | | | | | | | |
| A650 IS | NB4-300 (500 Shots)* | WP-DC18 | • | | 26.3mm | | | 420mm | | | | | | | | | | |
| A720 IS | NB4-300 (400 Shots)* | WP-DC16 | • | | 24.5mm | | | | | | | | | | | | | |
| A590 IS | NB4-300 (500 Shots)* | | | | | | 24.5mm | | | 367.5mm | | | | | | | | |
| A580 | NB4-300 (500 Shots)* | | | | | | | | | | 245mm | | | | | | | |
| A470 | NB4-300 (400 Shots)* | | | | | | | | | | | | | | | | | |
| Remarks | | Waterproof to 130 ft. | Buoyancy adjustment weight kit for waterproof cases. | 0.7x Requires LA-DC58G | 0.75x Requires LA-DC58H | 0.75x Requires LAH-DC20 | 0.7x Requires LA-DC52G | 2.0x Requires LA-DC58H | 1.5x Requires LAH-DC20 | 1.75x Requires LA-DC58G | 1.75x Requires LA-DC52G | Required for WC-DC58B & TC-DC58C | | Required for WC-DC58B & TC-DC58N | | | | |

PowerShot Accessories

| | Conversion Lens Adapter & Lens Hood | | Close-up Lens | | | Other | Speedlite | | | Memory Card | Battery and Charger | | | | | Cable | | | |
|-----------|-------------------------------------|---------------------------------|-----------------------|-----------------------|-----------------------|----------------------------------|--------------------------------------------------|-----------------------------------|-------------------------------|----------------------------------|-----------------------------|------------------------|-------------------|--------------------|--------------------------|-------------------------|----------|-----------------------------------|--------------------------------------|
| | LAH-DC20 0301B001 | LA-DC52G 1908B001 | 58mm 500D 2822A002 | 58mm 250D 2820A002 | 52mm 250D 2819A002 | Ring Accessory Kit RAK-DC1 | Speedlite EX Series (580EX II/430EX/220EX) | Speedlite Transmitter ST-E2 | High-Power Flash HF-DC1 | SD Memory Card | Compact Power Adapter | Car Battery Charger | AC Adapter Kit | Battery Charger | Battery & Charger Kit | USB Cable IFC-400PCU | AV Cable | Stereo Video Cable STV-250N | Direct Interface Cable DIF-100 |
| G9 | | | | | | • | • | • | • | • | | | | | | • | • | • | • |
| S5 IS | • | | • | | | | • | | • | • | CA-PS700 | | | | | • | • | • | • |
| SX100 IS | | | | | | | | | • | • | | | ACK800 | | • | • | • | • | • |
| SD950 IS | | | | | | | | | • | • | | | ACK-DC30 | CB-2LX | • | • | • | • | • |
| SD890 IS | | | | | | | | | • | • | | | ACK-DC30 | CB-2LX | • | • | • | • | • |
| SD790 IS | | | | | | | | | • | • | | | ACK-DC30 | CB-2LX | • | • | • | • | • |
| SD870 IS | | | | | | | | | • | • | | | ACK-DC30 | CB-2LX | • | • | • | • | • |
| SD770 IS | | | | | | | | | • | • | | | ACK-DC40 | CB-2LY | • | • | • | • | • |
| SD1100 IS | | | | | | | | | • | • | | | ACK-DC10 | CB-2LV | • | • | • | • | • |
| SD750 | | | | | | | | | • | • | | | ACK-DC10 | CB-2LV | • | • | • | • | • |
| A650 IS | | | | | | | | | • | • | | | ACK600 | | • | • | • | • | • |
| A720 IS | | | | • | | | | | • | • | | | ACK800 | | • | • | • | • | • |
| A590 IS | | • | | | | | | | • | • | | | ACK800 | | • | • | • | • | • |
| A580 | | | | | | | | | • | • | | | ACK800 | | • | • | • | • | • |
| A470 | | | | | | | | | • | • | | | ACK800 | | • | • | • | • | • |
| Remarks | Required for WC-DC58A & TC-DC58B | Required for WC-DC52 & TC-DC52A | Requires LAH-DC20 | Requires LA-DC58G | Requires LA-DC52G | | | | | Available sizes: 4GB, 1GB, 512MB | | | | | | | | | |

HIGH-POWER FLASH

Compact and elegantly designed, the High-Power Flash HF-DC1 requires no accessory shoe. It has a strong light output at guide number 59 (ISO 100/ft.) and a wide 28mm angular field (35mm film equivalent) for proper illumination up to approximately 30 feet.



With High-Power Flash



Without High-Power Flash

WATERPROOF CASE & CASE WEIGHT*

Take the excitement of digital photography underwater (up to 130 ft.) or outside in any weather with Canon's protective cases. Built-in diffusers prevent blurring. The Waterproof Case Weight lets you adjust buoyancy to prevent the camera from floating underwater.



WIDE TELE

WIDE & TELE CONVERTER LENSES*

High-quality Canon converter lenses can be attached to the lenses of select PowerShot cameras. Wide converters are ideal for group portraits and outdoor scenes. Tele converters bring distant subjects up close. Both augment the built-in zoom range of PowerShot cameras.

Tele Converter Lens



Wide Converter Lens



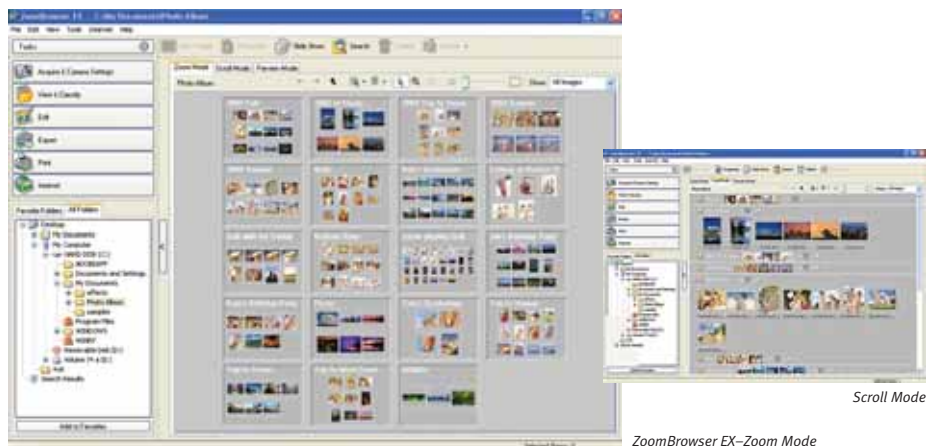
Close-up Lens



* Not available for all models.

Software

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

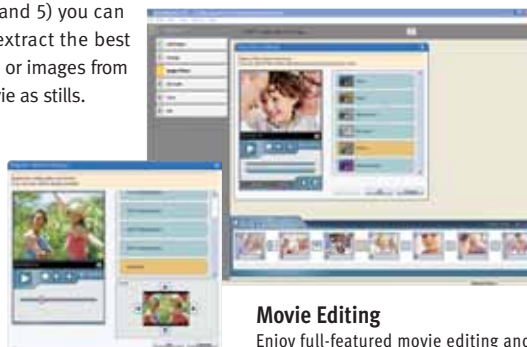


Scroll Mode

ZoomBrowser EX—Zoom Mode

ZOOMBROWSER EX (WINDOWS)/IMAGEBROWSER (MAC)

ZoomBrowser EX for Windows and ImageBrowser for Macintosh provide essential camera connectivity, file management and image viewing functions. Version 6.0 and higher provides five features: 1) you can print (a) one photo per page or (b) index prints with selectable shooting information alongside, 2) USB 2.0 Hi-Speed makes downloading even faster, 3) Shooting information is available in tables along with several photo views allowing easy comparison of the settings, 4) New editing functions make photo modifying more flexible than ever, and 5) you can now extract the best scene or images from a movie as stills.



Movie Editing

Enjoy full-featured movie editing and cropping, including merging multiple movies and stills, adding titles or comments, creating transitions and other effects. In addition, newer PowerShot cameras record movies in 1-second increments that allows highly flexible editing with quick data-save performance.

Easy Image Viewing

Zoom Mode: Enables direct access to all the images regardless of the folder structure. Displays all the images including the images within the sub-folder.

Scroll Mode: When a large number of images exist in a folder, users can open images within multiple folders and view these images simultaneously.

High-Speed Viewing

Use this software to browse quickly though huge numbers of photos. It minimizes the time to display all thumbnails in a folder.



Red-Eye Correction

There are both Auto and Manual Modes to correct the red-eye caused by night or indoor shooting simply by selecting "Red-eye Correction" from the edit menu.

REMOTECAPTURE*

Integrated into ZoomBrowser EX/ ImageBrowser, this handy program lets you connect your camera via USB, and 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.



Remote Capture

DIRECT TRANSFER



PowerShot cameras with the Print/Share button* greatly simplify the transfer of image files to a computer. With the software installed and the camera connected to a PC, simply 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 computer's new desktop wallpaper.



Digital Photo Professional

DIGITAL PHOTO PROFESSIONAL FOR EOS DIGITAL

Take full advantage of the RAW mode capability of most Canon EOS Digital SLRs 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.

PHOTOSTITCH

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.



RAW IMAGE TASK*

RAW Image Task allows users full editing capabilities of RAW image files taken with the PowerShot G9. The easy-to-use software allows complete post-shooting adjustment of exposure, color, contrast, white balance and more. Print directly from the RAW or export to tiff or jpeg for a complete, powerful image editing solution.





PIXMA Pro9500 Professional Photo Printer

The Fine Art Powerhouse

Canon's flagship PIXMA printer, the Pro9500 uses the LUCIA 10-color pigment ink system to produce breathtaking, borderless images up to 13" x 19". It's compatible with a number of heavyweight Fine Art papers, has three different black inks for enhanced black and white printing performance and is wonderfully simple to use, even directly from your digital camera.



PIXMA Pro9000 Professional Photo Printer

Exceptionally Advanced— Direct From Your Digital Camera

Capable of quickly printing photo lab quality prints plus detailed proofs and information sheets from your latest shoot, Canon's PIXMA Pro9000 offers a proven combination of speed and versatility. Its FINE print head provides unrivalled resolution and its ChromaLife100 dye-based inks create long lasting, beautiful photos to share or display.



PIXMA MP970 Photo All-In-One

The Ultimate Photo All-In-One

The PIXMA MP970 does it all—fast! It can print a borderless 4" x 6" photo in just over half a minute at resolutions up to 9600 x 2400 dpi with 7 individual ink tanks. It features a 3.5-inch TFT display, has Canon's Auto Image Fix technology and handles a number of advanced print media. The Ethernet interface enables networking, and a duplex printing feature helps you save paper.



PIXMA MP610 Photo All-In-One

Premium Photo All-In-One. Ease of Use PLUS

For the photographers who want to print their photographs quickly and easily, look to the MP610. It has a 2.5-inch TFT with an Easy-Scroll Wheel for editing and viewing, individual ink tanks, plus a number of advanced features to ensure the perfect print.



PIXMA MP520 Photo All-In-One

Advanced Features, Easy to Use, Outstanding Performance

Whether printing from a digital camera, compatible memory card, cell phone, or a computer, the MP520 is a perfect all-in-one choice. With advanced technologies and high-resolution output, every photo is sure to look its best. A 2.0-inch TFT display helps ensure correct settings are achieved before printing.



PIXMA MP470 Photo All-In-One

Modern Design with Enhanced Performance

Bundled with Canon's Easy PhotoPrint EX software, the PIXMA MP470 is not only a great choice for making beautiful prints; it also functions as a high-quality copier, and the Advanced Z-lid can accommodate bulky items. Whether scanning photographs, reviewing images on its built-in 1.8-inch LCD display or copying documents, with or without a computer, the sleek MP470 won't disappoint.



User-friendly for Beginner and Pro Alike.

The genius of Canon's printer technology is that while it's incredibly advanced, it's also designed to be simple. Large, bright screens, the Easy-Scroll Wheel and logical buttons take the guesswork out of printer operation. Menus are designed to be clear and intuitive, whether in the camera or on the printer.

With Canon technology in your corner you can concentrate on what matters—your pictures. You'll be a master printer before you know it!



For more information on Canon Photo Printers, please visit: www.usa.canon.com/consumer

SELPHY ES2

COMPACT PHOTO PRINTER

The Fun of Effortless Photography on the Go

A perfect companion for printing your pictures at home or out and about, there's nothing like the compact SELPHY ES2. It uses an integrated paper/ink cartridge, has a big LCD for easy viewing and allows your imagination to run wild with loads of Creative Print options.



INSERT

Simple and convenient, a single ES2 cartridge contains ink and paper for 50 postcard prints.



PRINT

Get beautiful, long-lasting prints.

Integrated Ink and Paper Cartridge

The Canon SELPHY ES2 is the first photo printer to use a single integrated cartridge that holds both ink and paper. Various paper sizes are available, including 50 postcards or 25 card-size sheets, and you can replace the cartridge error-free and quickly.



For more information on Canon Photo Printers, please visit: www.usa.canon.com/consumer

* Based on accelerated dark storage testing by Canon under controlled lighting, temperature and humidity conditions. Canon cannot guarantee the longevity of the prints; results may vary depending on printed image, display/storage conditions and environmental factors.

** Based on accelerated dark storage testing by Canon under controlled temperature, humidity and gas conditions, simulating storage in an album with plastic sleeves. Canon cannot guarantee the longevity of the prints; results may vary depending on printed image, drying time, display/storage conditions and environmental factors. See www.usa.canon.com/ChromaLife100 for additional details.

SELPHY CP740

COMPACT PHOTO PRINTER

Easy Operation. Beautiful Prints. No Computer Needed.

The SELPHY CP740 creates brilliant, 4" x 6" photos with up to 100 year longevity* in under a minute. Whether printing directly from a digital camera or compatible memory card††, or wirelessly through an optional Bluetooth connection, the CP740 is always ready. The built-in retractable USB Cable† gives you the tools to print anytime.



Long-Lasting Prints.

With Canon printers, your photos and memories will last more than a lifetime. PIXMA Photo Printers' ChromaLife100** system allows your photos to stay clear and colorful through a combination of select genuine Canon Inks, Canon Papers and Canon's FINE Print Head Technology. SELPHY Compact Photo Printers apply a water- and gas-resistant coating to provide over a generation's worth of enjoyment.



It's Easy to Connect and Print.

Select SELPHY Compact Photo Printers are equipped with a built-in retractable USB cable† to keep the process streamlined and the printing area organized. Simply pull out the cable from the printer and connect to the digital camera. You can print directly from your compatible memory card†† using the built-in memory card slots. You can also send images captured on a compatible cell phone, wirelessly to compatible PIXMA photo printers and SELPHY compact photo printers via optional Bluetooth. No matter how you connect, Canon makes printing your photos easy and enjoyable.



† May not be compatible with all digital cameras; otherwise, use USB cable provided with digital camera.

†† Compatible memory cards include CompactFlash®, MicroDrive®, Memory Stick®, Memory Stick Duo™, Memory Stick PRO™, Memory Stick PRO Duo™, MultiMediaCard® (v.3.31), MMCmobile™, MMCplus™, SD Memory Card™, miniSD™ Card, SDHC™, miniSDHC™, RS-MMC™. The following can be used with the addition of a special adapter sold separately: xD-Picture Card™, Memory Stick Micro™, MMCmicro™, microSD™, and microSDHC™.

CREATE YOUR OWN 4" x 8" CARDS & PHOTOS

With SELPHY Compact Photo Printers, PIXMA series Photo Printers and the included Easy-PhotoPrint or Easy-PhotoPrint EX software, you can create your own personalized greeting cards and photos—perfect for any occasion! Simply connect your digital camera and SELPHY ES2 or CP740 Compact Photo Printer or PIXMA series Photo Printer to your computer, download your favorite images, open Easy-PhotoPrint and create professional-quality greeting cards and photos. It's fast and easy!



Album

Calendar



Speech Bubble

CREATIVE PRINTS

The SELPHY ES2 can create Albums and Calendars in 6 layouts, as well as place Speech Bubbles in 6 styles—anywhere on your picture.

IMAGE EDITING

The SELPHY ES2 can automatically detect and reduce red-eye in your flash photos. Plus it can also automatically compensate for harsh backlighting. The advantage? Better prints, effortlessly.

CREATIVE PARK

Fuel Your Creative Genius

At Canon's Creative Park, you can download a collection of greeting cards, stationery, envelopes, papercraft models, calendars and more, for free, and can print them out on your Canon printer. With constant updates for holidays and seasonal crafts and greetings, it's easy and fun to find just the right picture, sentiment or project, ready to print.

<http://www.canon.com/c-park/>



3D Papercrafts

Greeting Cards

Scrapbooks

Calendars



FINE ART PAPERS*

For that perfect print, a selection of Canon Fine Art papers like Photo Rag™, Museum Etching, and Premium Matte are available and will look stunning printed from your Canon printer.



Fine Art Paper Photo Rag™

Fine Art Paper Museum Etching

Fine Art Paper Premium Matte

PHOTO PAPERS*

Just like the photo lab, Canon printers use glossy, semi-gloss or matte photo papers, in a number of sizes perfect for any application. And they're designed for longevity and compatibility with Canon printers.



Photo Paper Pro

Photo Paper Plus Glossy II**

Photo Paper Plus Semi-Gloss

Photo Paper Glossy

Matte Photo Paper



COMPACT PHOTO PAPERS*

Designed specifically for use with the SELPHY Compact Photo Printers, Canon's compact photo papers produce smooth, continuous tone prints that are virtually indistinguishable from those you'll get at the photo lab.



4" x 8"

4" x 6"

Credit Card size

Credit Card size (Full Label)







Credit Card size (8 Mini-Labels)

4" x 6" B&W

For a complete list of compatible models, please refer to www.canonusa.com/consumer






* Not compatible with all models.
** Available March 2008.

EOS SPECIFICATION CHART

| | EOS-1Ds Mark III | EOS-1D Mark III | EOS 5D | EOD 40D | EOS Rebel XSi | EOS Digital Rebel XTi |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| |  |  |  |  |  |  |
| Autofocus System | 45-point AREA-SIR Type CMOS Sensor, One-Shot & AI Servo AF w/Focus Prediction, Manual focusing confirmation possible w/ EF lenses, Automatic or manual focus point selection | 45-point AREA-SIR Type CMOS Sensor, One-Shot & AI Servo AF w/Focus Prediction, Manual focusing confirmation possible w/ EF lenses, Automatic or manual focus point selection | 9-point CTSIR Type CMOS Sensor w/ 6 invisible AF Assist points, One-Shot & AI Servo AF w/Focus Prediction, Manual focusing confirmation possible w/ EF lenses, Automatic or manual focus point selection | 9-point CTSIR Type CMOS Sensor, One-Shot & AI Servo AF w/Focus Prediction, Manual focusing confirmation possible w/ EF lenses, Automatic or manual focus point selection | 9-point TTL-CTSIR Type CMOS Sensor, One-Shot & AI Servo AF w/Focus Prediction, Manual focusing confirmation possible w/ EF lenses, Automatic or manual focus point selection | 9-point TTL-CTSIR Type CMOS Sensor, One-Shot & AI Servo AF w/Focus Prediction, Manual focusing confirmation possible w/ EF lenses, Automatic or manual focus point selection |
| Resolution (Effective Pixels)/ Pixel Size | 21.1 Megapixels / 6.4 microns | 10.1 Megapixels / 7.2 microns | 12.8 Megapixels / 8.2 microns | 10.1 Megapixels / 5.7 microns | 12.2 Megapixels / 5.2 microns | 10.1 Megapixels / 5.7 microns |
| Resolution (Recording Pixels) | 5,616 x 3,744 (Large/RAW), 4,992 x 3,328 (Medium 1), 4,080 x 2,720 (Medium 2), 2,784 x 1,856 (Small/sRAW) | 3,888 x 2,592 (Large/RAW), 3,456 x 2,304 (Medium 1), 2,816 x 1,880 (Medium 2), 1,936 x 1,288 (Small/sRAW) | 4,368 x 2,912 (Large/RAW), 3,168 x 2,112 (Medium), 2,496 x 1,664 (Small) | 3,888 x 2,592 (Large/RAW), 2,816 x 1,880 (Medium), 2,496 x 1,288 (Small/sRAW) | 4,272 x 2,848 (Large/RAW), 3,088 x 2,056 (Medium), 2,256 x 1,504 (Small) | 3,888 x 2,592 (Large/RAW), 2,816 x 1,880 (Medium), 1,936 x 1,288 (Small) |
| Image Processor/ Image Sensor | Dual "DIGIC III" / 36 x 24mm, Single-plate CMOS Sensor (Full-frame) with Auto Sensor Cleaning | Dual "DIGIC III" / 28.1 x 18.7mm, Single-plate CMOS Sensor (APS-H) with Auto Sensor Cleaning | DIGIC II / 35.8 x 23.9mm, Single-plate CMOS Sensor (Full-frame) | DIGIC III / 22.2 x 14.8mm, single-plate CMOS Sensor (APS-C) with Auto Sensor Cleaning | DIGIC III / 22.2 x 14.8mm, Single-plate CMOS Sensor (APS-C) with Auto Sensor Cleaning | DIGIC II / 22.2 x 14.8mm, Single-plate CMOS Sensor (APS-C) with Auto Sensor Cleaning |
| Lens Conversion Factor | 1x | 1.3x | 1x | 1.6x | 1.6x | 1.6x |
| ISO Range* | ISO 100–1,600, ISO 50 and 3,200 via Menu Selection | ISO 100–3,200, ISO 50 and 6,400 via Menu Selection | ISO 100–1,600, ISO 50 and 3,200 via Menu Selection | ISO 100–1,600, ISO 3,200 via Custom Function | ISO 100–1,600 | ISO 100–1,600 |
| Safety Shift via ISO | Yes | Yes | No | No | No | No |
| Auto ISO in Full Auto Mode | No | No | Yes | Yes (possible in all modes) | Yes (possible in all modes) | Yes |
| Imaging Type | RAW/sRAW, RAW+JPEG, JPEG | RAW/sRAW, RAW+JPEG, JPEG | RAW, RAW+JPEG, JPEG | RAW/sRAW, RAW+JPEG, JPEG | RAW, RAW+JPEG, JPEG | RAW, RAW+JPEG, JPEG |
| Recording Media | CompactFlash™ Card Type I & II, UDMA-compatible CF card, SD/SDHC Memory Card | CompactFlash™ Card Type I & II, SD/SDHC Memory Card | CompactFlash™ Card Type I & II | CompactFlash™ Card Type I & II | SD/SDHC Memory Card | CompactFlash™ Card Type I & II |
| Interface to Computer | USB 2.0 Hi-Speed | USB 2.0 Hi-Speed | USB 2.0 Hi-Speed | USB 2.0 Hi-Speed | USB 2.0 Hi-Speed | USB 2.0 Hi-Speed |
| Autofocus | 45-point AREA AF | 45-point AREA AF | 9 AF points (plus 6 invisible AF Assist points) | 9 cross-type AF points | 9 AF points | 9 AF points |
| Shooting Speed (Maximum) | 5.0 fps, 3.0 fps | 10.0 fps, 3.0 fps | 3.0 fps | 6.5 fps, 3.0 fps | 3.5 fps | 3.0 fps |
| Burst Rate (Maximum) | 56 consecutive frames (12 RAW) | 110 consecutive frames (30 RAW) | 60 consecutive frames (17 RAW) | 75 consecutive frames (17 RAW) | Approx. 53 consecutive frames (Approx. 6 RAW) | 27 consecutive frames (10 RAW) |
| Shutter Speeds/Durability | 30–1/8000 sec., X-sync at 1/250 sec. / 300,000 cycles | 30–1/8000 sec., X-sync at 1/300 sec. / 300,000 cycles | 30–1/8000 sec., X-sync at 1/200 sec. / 100,000 cycles | 30–1/8000 sec., X-sync at 1/250 sec. / 100,000 cycles | 30–1/4000 sec., X-sync at 1/200 sec. | 30–1/4000 sec., X-sync at 1/200 sec. |
| Metering System | 63-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 average metering, Pre-flash metering (E-TTL II) | 63-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 average metering, Pre-flash metering (E-TTL II) | 35-zone Evaluative metering, 8% Partial metering, 3.5% Spot metering, Center-weighted average metering, Pre-flash metering (E-TTL II) | 35-zone Evaluative metering, 9% Partial metering, 3.8% Spot metering, Center-weighted average metering, Pre-flash metering (E-TTL II) | 35-zone Evaluative metering, 9% Partial metering, 4% Spot metering, Center-weighted average metering, Pre-flash metering (E-TTL II) | 35-zone Evaluative metering, 9% Partial metering, Center-weighted average metering, Pre-flash metering (E-TTL II) |
| Exposure Compensation | ±3 stops in 1/3-stop or 1/2-stop increments | ±3 stops in 1/3-stop or 1/2-stop increments | ±2 stops in 1/3-stop or 1/2-stop increments | ±2 stops in 1/3-stop or 1/2-stop increments | ±2 stops in 1/3-stop or 1/2-stop increments | ±2 stops in 1/3-stop or 1/2-stop increments |
| Built-in Flash | No | No | No | Yes | Yes | Yes |
| PC Socket for Studio Strobes | Yes | Yes | Yes | Yes | No | No |
| Viewfinder Coverage | 100% | 100% | Approx. 96% | Approx. 95% | Approx. 95% | Approx. 95% |
| Focusing Screens | Interchangeable (Ec series; twelve available) | Interchangeable (Ec series; twelve available) | Interchangeable (Ee series; three available) | Interchangeable (Ef series; three available) | Non-interchangeable | Non-interchangeable |
| LCD Monitor | 3.0" approx. 230,000 pixels | 3.0" approx. 230,000 pixels | 2.5" approx. 230,000 pixels | 3.0" approx. 230,000 pixels | 3.0" approx. 230,000 pixels | 2.5" approx. 230,000 pixels |
| Live View Function | Yes | Yes | No | Yes | Yes | No |
| Magnified Image Playback | Continuous zooming 1.5x–10x | Continuous zooming 1.5x–10x | Continuous zooming 1.5x–10x | Continuous zooming 1.5x–10x | Continuous zooming 1.5x–10x | Continuous zooming 1.5x–10x |
| White Balance | Auto, 6 presets, Custom, *Kelvin (2,500–10,000K) | Auto, 6 presets, Custom, *Kelvin (2,500–10,000K) | Auto, 6 presets, Custom, *Kelvin (2,800–10,000K) | Auto, 6 presets, Custom, *Kelvin (2,500–10,000K) | Auto, 6 presets, Custom | Auto, 6 presets, Custom |
| Color Space | sRGB / Adobe 1998 RGB | sRGB / Adobe 1998 RGB | 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 | Magnesium alloy | Polycarbonate | Polycarbonate |
| Chassis Construction | Die-cast magnesium alloy | Die-cast magnesium alloy | Stainless steel and polycarbonate | Stainless steel and polycarbonate | Polycarbonate, Stainless steel | Polycarbonate, Stainless steel |
| Weather-resistant Sealing | Yes | Yes | No | No | No | No |
| Body Dimensions (W x H x D) | 6.1 x 6.3 x 3.1 in./156 x 159.6 x 79.9mm | 6.1 x 6.2 x 3.1 in./156 x 156.6 x 79.9mm | 6.0 x 4.4 x 3.0 in./152 x 113 x 75mm | 5.7 x 4.2 x 2.9 in./145.5 x 107.8 x 73.5mm | 5.1 x 3.8 x 2.4 in./128.8 x 97.5 x 61.9mm | 4.98 x 3.71 x 2.56 in./126.5 x 94.2 x 65mm |
| Weight (w/o battery, lens, CF) | 42.5 oz./1,205g | 40.7 oz./1,155g | 28.6 oz./810g | 26.1 oz./740g | 16.8 oz./475g | 18 oz./510g |

* Standard output ISO sensitivity. Recommended exposure index.

POWERSHOT SPECIFICATION CHART



| | PowerShot G9 | PowerShot S5 IS | PowerShot SX100 IS | PowerShot SD950 IS | PowerShot SD890 IS |
|--------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| |  |  |  |  |  |
| Type | Compact digital camera w/built-in flash, 6x Optical & 4x Digital & 24x Combined Zoom | Compact digital still camera w/built-in flash, 12x Optical & 4x Digital & 48x Combined Zoom | Compact digital still camera w/built-in flash, 10x Optical & 4x Digital & 40x Combined Zoom | Compact digital still camera w/built-in flash, 3.7x Optical & 4x Digital & 15x Combined Zoom | Compact digital still camera w/built-in flash, 5x Optical & 4x Digital & 20x Combined Zoom |
| Image Capture Device | 12.1 Megapixel 1/1.7" CCD | 8.0 Megapixel 1/2.5" CCD | 8.0 Megapixel 1/2.5" CCD | 12.1 Megapixel 1/1.7" CCD | 10.0 Megapixel 1/2.3" CCD |
| Resolution (Recording Pixels) Still Image | 4,000 x 3,000 (Large), 3,264 x 2,448 (Medium 1), 2,592 x 1,944 (Medium 2), 1,600 x 1,200 (Medium 3), 640 x 480 (Small), 4,000 x 2,248 (Widescreen) | 3,264 x 2,448 (Large), 2,592 x 1,944 (Medium 1), 2,048 x 1,536 (Medium 2), 1,600 x 1,200 (Medium 3), 640 x 480 (Small), 3,264 x 1,832 (Widescreen) | 3,264 x 2,448 (Large), 2,592 x 1,944 (Medium 1), 2,048 x 1,536 (Medium 2), 1,600 x 1,200 (Medium 3), 640 x 480 (Small), 3,264 x 1,832 (Widescreen) | 4,000 x 3,000 (Large), 3,264 x 2,448 (Medium 1), 2,592 x 1,944 (Medium 2), 1,600 x 1,200 (Medium 3), 640 x 480 (Small), 4,000 x 2,248 (Widescreen) | 3,648 x 2,736 (Large), 2,816 x 2,112 (Medium 1), 2,272 x 1,704 (Medium 2), 1,600 x 1,200 (Medium 3), 640 x 480 (Small), 3,648 x 2,048 (Widescreen) |
| Resolution (Recording Pixels) Movie | 1,024 x 768 at 15 fps, 640 x 480 at 30 fps/30 fps LP 320 x 240 at 30 fps available up to 4GB or approx. 60 min. per clip, 160 x 120 approx. 3 min. per clip at 15 fps, Time Lapse 640 x 480 approx. 2 hrs. at 0.5 fps/1 fps (Playback: 15 fps) | 640 x 480 at 30 fps/30 fps LP, 320 x 240 at 60 fps/30 fps available up to 4GB or approx. 60 min. per clip | 640 x 480 at 30 fps/30 fps LP, 320 x 240 at 30 fps available up to 4GB or approx. 60 min. per clip, 160 x 120 approx. 3 min. per clip at 15 fps | 1,024 x 768 at 15 fps, 640 x 480 at 30 fps/30 fps LP, 320 x 240 at 30 fps available up to 4GB or approx. 60 min. per clip, 160 x 120 approx. 3 min. per clip at 15 fps, Time Lapse 640 x 480 approx. 2 hrs. at 0.5 fps/1 fps (Playback: 15 fps) | 640 x 480 at 30 fps/30 fps LP, 320 x 240 at 30 fps available up to 4GB or approx. 60 min. per clip, 160 x 120 approx. 3 min. per clip at 15 fps, Time Lapse 640 x 480 approx. 2 hrs. at 0.5 fps/1 fps (Playback: 15 fps) |
| ISO Sensitivity* | Auto, High ISO Auto, ISO 80/100/200/400/800/1600 | Auto, High ISO Auto, ISO 80/100/200/400/800/1600 | Auto, High ISO Auto, ISO 80/100/200/400/800/1600 | Auto, High ISO Auto, ISO 80/100/200/400/800/1600 | Auto, High ISO Auto, ISO 80/100/200/400/800/1600 |
| Image Quality Modes | JPEG: Normal, Fine, SuperFine; RAW | JPEG: Normal, Fine, SuperFine | JPEG: Normal, Fine, SuperFine | JPEG: Normal, Fine, SuperFine | JPEG: Normal, Fine, SuperFine |
| Image Compression | Still Image: JPEG (Exif. 2.2 compliant); Movie: AVI (Image: Motion JPEG; Audio: WAVE (Monaural)) | Still Image: JPEG (Exif. 2.2 compliant); Movie: AVI (Image: Motion JPEG; Audio: WAVE (Stereo)) | Still Image: JPEG (Exif. 2.2 compliant); Movie: AVI (Image: Motion JPEG; Audio: WAVE (Monaural)) | Still Image: JPEG (Exif. 2.2 compliant); Movie: AVI (Image: Motion JPEG; Audio: WAVE (Monaural)) | Still Image: JPEG (Exif. 2.2 compliant); Movie: AVI (Image: Motion JPEG; Audio: WAVE (Monaural)) |
| Recording Media | SD/SDHC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card | SD/SDHC Memory Card, MultiMediaCard | SD/SDHC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card | SD/SDHC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card | SD/SDHC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card |
| Shooting Modes | Auto; P, Av, Tv, M, C1, C2; Special Scene (Portrait, Landscape, Night Scene, Sports, Foliage, Snow, Beach, Fireworks, Aquarium, Underwater, ISO 3200, Indoor, Kids & Pets, Night Snapshot, Color Accent, Color Swap), Stitch Assist, Movie. | Auto; Creative: P, Av, Tv, M, C; Image: Portrait, Landscape, Sports, Special Scene (Foliage, Snow, Beach, Fireworks, Aquarium, Indoor, Night Scene, Color Accent, Color Swap), Night Snapshot, Super Macro, Stitch Assist, Movie. Continuous (AF/LV approx. 0.9 fps, Normal approx. 1.5 fps) | Auto; Creative: P, Av, Tv, M; Image: Portrait, Landscape, Sports, Special Scene (Foliage, Snow, Beach, Fireworks, Aquarium, Indoor, Night Scene), Kids & Pets, Night Snapshot, Stitch Assist, Movie. Continuous (AF approx. 0.8 fps, Normal approx. 1.3 fps) | Auto, Camera M, Special Scene (Portrait, Foliage, Snow, Beach, Fireworks, Aquarium, Underwater, ISO 3200, Indoor, Kids & Pets, Night Snapshot), Color Accent, Color Swap, Digital Macro, Stitch Assist, Movie. Continuous (approx. 1.5 fps) | Auto, Camera M, Special Scene (Portrait, Foliage, Snow, Beach, Sunset, Fireworks, Aquarium, ISO 3200, Indoor, Kids & Pets, Night Snapshot), Color Accent, Color Swap, Digital Macro, Stitch Assist, Movie. Continuous (approx. 1.2 fps) |
| Photo Effect / My Colors | My Colors: Vivid, Vivid Blue, Vivid Green, Vivid Red, Neutral, Sepia, B/W, Positive Film, Lighter Skin Tone, Darker Skin Tone, Custom | My Colors: Vivid, Vivid Blue, Vivid Green, Vivid Red, Neutral, Sepia, B/W, Positive Film, Lighter Skin Tone, Darker Skin Tone, Custom | My Colors: Vivid, Neutral, Sepia, B/W, Custom | My Colors: Vivid, Vivid Blue, Vivid Green, Vivid Red, Neutral, Sepia, B/W, Positive Film, Lighter Skin Tone, Darker Skin Tone, Custom Color | Vivid, Vivid Blue, Vivid Green, Vivid Red, Neutral, Sepia, B/W, Positive Film, Lighter Skin Tone, Darker Skin Tone, Custom |
| Playback Modes | Still Image: Single, Magnification (approx. 2x–10x), Jump, Auto Rotate, Rotate, Resume, My Colors, My Category, Histogram, Index (9 thumbnails), Sound Memos, Slide Show, Red-eye Correction, Resize, Image Inspection Tool; Movie: Normal Playback, Special Playback, Editing | Still Image: Single, Magnification (approx. 2x–10x), Jump, Auto Rotate, Rotate, Resume, My Colors, My Category, Histogram, Index (9 thumbnails), Sound Memos, Slide Show, Red-eye Correction; Movie: Normal Playback, Special Playback, Editing, Auto Rotate, Resume | Still Image: Single, Magnification (approx. 2x–10x), Jump, Auto Rotate, Rotate, Resume, Histogram, Index (9 thumbnails), Sound Memos, Slide Show, Red-eye Correction, RAW Playback, Resize, Image Inspection Tool; Movie: Normal Playback, Special Playback | Still Image: Single, Magnification (approx. 2x–10x), Jump, Auto Rotate, Rotate, Resume, My Colors, My Category, Histogram, Index (9 thumbnails), Sound Memos, Slide Show, Red-eye Correction, Resize, Image Inspection Tool; Movie: Normal Playback, Special Playback, Editing | Still Image: Single, Magnification (approx. 2x–10x), Jump, Auto Rotate, Rotate, Resume, My Colors, My Category, Transition Effects, Histogram, Index (9 thumbnails), Sound Memos, Slide Show, Red-eye Correction, Resize, Trimming, Image Inspection Tool; Movie: Normal Playback, Special Playback, Editing, Auto Rotate, Resume |
| Interfaces | USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), SD Memory Card slot, direct connection to Canon CP, SELPHY, PIXMA Photo Printers & PictBridge compatible printers | USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Stereo Audio), SD Memory Card slot, direct connection to Canon CP, SELPHY, PIXMA Photo Printers & PictBridge compatible printers | USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), SD Memory Card slot, direct connection to Canon CP, SELPHY, PIXMA Photo Printers & PictBridge compatible printers | USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), SD Memory Card slot, direct connection to Canon CP, SELPHY, PIXMA Photo Printers & PictBridge compatible printers | USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), SD Memory Card slot, direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers |
| Lens | 7.4–44.4mm f/2.8–4.8 zoom Optical Image Stabilizer lens (equiv. to 35–210mm in 35mm format) | 6.0–72.0mm f/2.7–3.5 zoom Optical Image Stabilizer lens (equiv. to 36–432mm in 35mm format) | 6.0–60mm f/2.8–4.3 zoom Optical Image Stabilizer lens (equiv. to 36–360mm in 35mm format) | 7.7–28.5mm f/2.8–5.8 zoom Optical Image Stabilizer lens (equiv. to 36–135mm in 35mm format) | 6.6–33.0mm f/3.2–5.7 zoom Optical Image Stabilizer lens (equiv. to 37–185mm in 35mm format) |
| Shutter Speed | 15–1/2500 sec.; Noise Reduction available when manually set at 1.3–15 sec. in Tv or M | 15–1/3200 sec.; Noise Reduction available when manually set at 1.3–15 sec. in Tv or M | 15–1/2500 sec.; Noise Reduction available when manually set at 1.3–15 sec. in Tv or M | 15–1/1600 sec.; Long Shutter operates with Noise Reduction when manually set at 1.3–15 sec. | 15–1/1600 sec.; Long Shutter operates with Noise Reduction when manually set at 1.3–15 sec. |
| Focus Range | Normal AF: 1.6 ft./50cm – infinity (WIDE), 3.0 ft./90cm – infinity (TELE); Macro AF: 0.39 in. – 1.6 ft./1–50cm (WIDE) | Normal AF: 1.6 ft./50cm – infinity (WIDE), 3.0 ft./90cm – infinity (TELE); Macro AF: 3.9 in. – 1.6 ft./10–50cm; Super Macro: 0–3.9 in./0–10cm (WIDE) | Normal AF: 1.6 ft./50cm – infinity (WIDE), 3.3 ft./1m – infinity (TELE); Macro AF: 0.39 in. – 1.6 ft./1–50cm (WIDE) | Normal AF: 1.6 ft./50cm – infinity; Macro AF: 2.0 in. – 1.6 ft./5–50cm (WIDE), 1.3–1.6 ft./40–50cm (TELE); Digital Macro: 2.0 in. – 1.6 ft./5–50cm (WIDE) | Normal AF: 1.6 ft./50cm – infinity; Macro AF: 0.79 in. – 1.6 ft./2–50cm (WIDE); Digital Macro: 0.79–3.9 in./2–10cm (WIDE) |
| Light Metering System | Evaluative, Center-weighted average, Spot | Evaluative, Center-weighted average, Spot | Evaluative, Center-weighted average, Spot | Evaluative, Center-weighted average, Spot | Evaluative, Center-weighted average, Spot |
| Exposure Control | Program AE, Shutter-priority AE, Aperture-priority AE (Safety Shift available), Manual, Auto ISO Shift; AE lock | Program AE, Shutter-priority AE, Aperture-priority AE (Safety Shift available), Manual, Auto ISO Shift; AE lock | Program AE, Auto ISO shift, Safety Shift; AE lock | Program AE, Auto ISO Shift; AE lock | Program AE; AE lock |
| Compensation | ±2 stops in 1/3-stop increments | ±2 stops in 1/3-stop increments | ±2 stops in 1/3-stop increments | ±2 stops in 1/3-stop increments | ±2 stops in 1/3-stop increments |
| White Balance Control | TTL Auto, Preset (Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Flash, Underwater), Custom 1, Custom 2 | TTL Auto, Preset (Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Flash), Custom | TTL Auto, Preset (Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H), Custom | TTL Auto, Preset (Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H), Custom | TTL Auto, Preset (Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H), Custom |
| Viewfinder | Real-image optical zoom viewfinder | Low-temperature polycrystalline silicon TFT color electronic viewfinder | No | Real-image optical zoom viewfinder | Real-image optical zoom viewfinder |
| LCD Monitor | 3.0" TFT color LCD | 2.5" TFT color LCD (vari-angle) | 2.5" TFT color LCD | 2.5" TFT color LCD | 2.5" TFT color LCD |
| Print/Share Button | Yes | Yes | Yes | Yes | Yes |
| Power Sources | Rechargeable Lithium-ion Battery NB-2LH, AC Adapter Kit ACK-DC20, Car Battery Charger CBC-NB2 | 4 AA-size Alkaline (included)/Ni-MH Battery NB4-300, Compact Power Adapter CP-PS700 | 2 AA-size Alkaline (included)/Ni-MH Battery NB4-300, AC Adapter Kit ACK800 | Rechargeable Lithium-ion Battery NB-5L, AC Adapter Kit ACK-DC30 | Rechargeable Lithium-ion Battery NB-5L, AC Adapter Kit ACK-DC30 |
| Dimensions (W x H x D) | 4.19 x 2.83 x 1.67 in./106.4 x 71.9 x 42.5mm | 4.60 x 3.15 x 3.06 in./117.0 x 80.0 x 77.7mm | 4.28 x 2.81 x 1.84 in./108.7 x 71.4 x 46.7mm | 3.78 x 2.36 x 1.09 in./95.9 x 59.9 x 27.6mm | 3.76 x 2.26 x 1.08 in./95.4 x 57.3 x 27.4mm |
| Weight (camera body only) | Approx. 11.3 oz./320g | Approx. 15.9 oz./450g | Approx. 9.35 oz./265g | 5.82 oz./165g | Approx. 5.47 oz./155g |

* Standard output sensitivity. Recommended exposure index.
File Format for all PowerShot cameras: Design rule for Camera File System 1.0, DPOF Ver. 1.1 (Digital Print Order Format)

POWERSHOT SPECIFICATION CHART

| | PowerShot SD790 IS | PowerShot SD870 IS | PowerShot SD770 IS | PowerShot SD1100 IS | PowerShot SD750 | PowerShot A650 IS | PowerShot A720 IS | PowerShot A590 IS | |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| |  |  |  |  |  |  |  |  | |
| Type | Compact digital still camera with built-in flash, 3x Optical & 4x Digital & 12x Combined Zoom | Compact digital still camera with built-in flash, 3.8x Optical & 4x Digital & 15x Combined Zoom | Compact digital still camera with built-in flash, 3x Optical & 4x Digital & 12x Combined Zoom | Compact digital still camera w/built-in flash, 3x Optical & 4x Digital & 12x Combined Zoom | Compact digital still camera w/built-in flash, 3x Optical & 4x Digital & 12x Combined Zoom | Compact digital still camera w/built-in flash, 6x Optical & 4x Digital & 24x Combined Zoom | Compact digital still camera w/built-in flash, 6x Optical & 4x Digital & 24x Combined Zoom | Compact digital still camera w/built-in flash, 4x Optical & 4x Digital & 16x Combined Zoom | |
| Image Capture Device | 10.0 Megapixel 1/2.3" CCD | 8.0 Megapixel 1/2.5" CCD | 10.0 Megapixel 1/2.3" CCD | 8.0 Megapixel 1/2.5" CCD | 7.1 Megapixel 1/2.5" CCD | 12.1 Megapixel 1/1.7" CCD | 8.0 Megapixel 1/2.5" CCD | 8.0 Megapixel 1/2.5" CCD | |
| Resolution (Recording Pixels) Still Image | 3,648 x 2,736 (Large), 2,816 x 2,112 (Medium 1), 2,272 x 1,704 (Medium 2), 1,600 x 1,200 (Medium 3), 640 x 480 (Small) | 3,264 x 2,448 (Large), 2,592 x 1,944 (Medium 1), 2,048 x 1,536 (Medium 2), 1,600 x 1,200 (Medium 3), 640 x 480 (Small) | 3,648 x 2,736 (Large), 2,816 x 2,112 (Medium 1), 2,272 x 1,704 (Medium 2), 1,600 x 1,200 (Medium 3), 640 x 480 (Small) | 3,264 x 2,448 (Large), 2,592 x 1,944 (Medium 1), 2,048 x 1,536 (Medium 2), 1,600 x 1,200 (Medium 3), 640 x 480 (Small) | 3,072 x 2,304 (Large), 2,592 x 1,944 (Medium 1), 2,048 x 1,536 (Medium 2), 1,600 x 1,200 (Medium 3), 640 x 480 (Small) | 4,000 x 3,000 (Large), 3,264 x 2,448 (Medium 1), 2,592 x 1,944 (Medium 2), 1,600 x 1,200 (Medium 3), 640 x 480 (Small) | 4,000 x 3,000 (Large), 3,264 x 2,448 (Medium 1), 2,592 x 1,944 (Medium 2), 1,600 x 1,200 (Medium 3), 640 x 480 (Small) | 3,264 x 2,448 (Large), 2,592 x 1,944 (Medium 1), 2,048 x 1,536 (Medium 2), 1,600 x 1,200 (Medium 3), 640 x 480 (Small) | 3,264 x 2,448 (Large), 2,592 x 1,944 (Medium 1), 2,048 x 1,536 (Medium 2), 1,600 x 1,200 (Medium 3), 640 x 480 (Small) |
| Resolution (Recording Pixels) Movie | 640 x 480 at 30 fps/30 fps LP, 320 x 240 at 30 fps available up to 4GB or approx. 60 min. per clip, 160 x 120 approx. 3 min. per clip at 15 fps, Time Lapse 640 x 480 approx. 2 hrs. at 0.5 fps/1 fps (Playback: 15 fps) | 640 x 480 at 30 fps/30 fps LP, 320 x 240 at 30 fps available up to 4GB or approx. 60 min. per clip, 160 x 120 approx. 3 min. per clip at 15 fps, Time Lapse 640 x 480 approx. 2 hrs. at 0.5 fps/1 fps (Playback: 15 fps) | 640 x 480 at 30 fps/30 fps LP, 320 x 240 at 30 fps available up to 4GB or approx. 60 min. per clip, 160 x 120 approx. 3 min. per clip at 15 fps, Time Lapse 640 x 480 approx. 2 hrs. at 0.5 fps/1 fps (Playback: 15 fps) | 640 x 480 at 30 fps/30 fps LP, 320 x 240 at 30 fps available up to 4GB or approx. 60 min. per clip, 160 x 120 approx. 3 min. per clip at 15 fps, Time Lapse 640 x 480 approx. 2 hrs. at 0.5 fps/1 fps (Playback: 15 fps) | 640 x 480 at 30 fps/30 fps LP, 320 x 240 at 30 fps available up to 4GB or approx. 60 min. per clip, 160 x 120 approx. 3 min. per clip at 15 fps, Time Lapse 640 x 480 approx. 2 hrs. at 0.5 fps/1 fps (Playback: 15 fps) | 640 x 480 at 30 fps/30 fps LP, 320 x 240 at 30 fps available up to 4GB or approx. 60 min. per clip, 160 x 120 approx. 3 min. per clip at 15 fps, Time Lapse 640 x 480 approx. 2 hrs. at 0.5 fps/1 fps (Playback: 15 fps) | 640 x 480 at 30 fps/30 fps LP, 320 x 240 approx. at 30 fps available up to 4GB or approx. 60 min. per clip, 160 x 120 approx. 3 min. per clip at 15 fps | 640 x 480 at 30 fps/30 fps LP, 320 x 240 approx. at 30 fps available up to 4GB or approx. 60 min. per clip, 160 x 120 approx. 3 min. per clip at 15 fps | 640 x 480 at 20 fps/20 fps LP, 320 x 240 approx. at 30 fps available up to 4GB or approx. 60 min. per clip, 160 x 120 approx. 3 min. per clip at 15 fps |
| ISO Sensitivity* | Auto, High ISO Auto, ISO 80/100/200/400/800/1600 | Auto, High ISO Auto, ISO 80/100/200/400/800/1600 | Auto, High ISO Auto, ISO 80/100/200/400/800/1600 | Auto, High ISO Auto, ISO 80/100/200/400/800/1600 | Auto, High ISO Auto, ISO 80/100/200/400/800/1600 | Auto, High ISO Auto, ISO 80/100/200/400/800/1600 | Auto, High ISO Auto, ISO 80/100/200/400/800/1600 | Auto, High ISO Auto, ISO 80/100/200/400/800/1600 | |
| Image Quality Modes | JPEG: Normal, Fine, SuperFine | JPEG: Normal, Fine, SuperFine | JPEG: Normal, Fine, SuperFine | JPEG: Normal, Fine, SuperFine | JPEG: Normal, Fine, SuperFine | JPEG: Normal, Fine, SuperFine | JPEG: Normal, Fine, SuperFine | JPEG: Normal, Fine, SuperFine | |
| Image Compression | Still Image: JPEG (Exif. 2.2 compliant); Movie: AVI (Image: Motion JPEG; Audio: WAVE (Monaural)) | Still Image: JPEG (Exif. 2.2 compliant); Movie: AVI (Image: Motion JPEG; Audio: WAVE (Monaural)) | Still Image: JPEG (Exif. 2.2 compliant); Movie: AVI (Image: Motion JPEG; Audio: WAVE (Monaural)) | Still Image: JPEG (Exif. 2.2 compliant); Movie: AVI (Image: Motion JPEG; Audio: WAVE (Monaural)) | Still Image: JPEG (Exif. 2.2 compliant); Movie: AVI (Image: Motion JPEG; Audio: WAVE (Monaural)) | Still Image: JPEG (Exif. 2.2 compliant); Movie: AVI (Image: Motion JPEG; Audio: WAVE (Monaural)) | Still Image: JPEG (Exif. 2.2 compliant); Movie: AVI (Image: Motion JPEG; Audio: WAVE (Monaural)) | Still Image: JPEG (Exif. 2.2 compliant); Movie: AVI (Image: Motion JPEG; Audio: WAVE (Monaural)) | |
| Recording Media | SD/SDHC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card | SD/SDHC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card | SD/SDHC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card | SD/SDHC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card | SD/SDHC Memory Card, MultiMediaCard | SD/SDHC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card | SD/SDHC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card | SD/SDHC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card | |
| Shooting Modes | Auto, Camera M, Special Scene (Portrait, Foliage, Snow, Beach, Sunsets, Fireworks, Aquarium, Underwater, ISO 3200, Indoor, Kids & Pets, Night Snapshot), Color Accent, Color Swap, Digital Macro, Stitch Assist, Movie. Continuous (approx. 1.4 fps) | Auto, Camera M, Special Scene (Portrait, Foliage, Snow, Beach, Sunsets, Fireworks, Aquarium, Underwater, ISO 3200, Indoor, Kids & Pets, Night Snapshot), Color Accent, Color Swap, Digital Macro, Stitch Assist, Movie. Continuous (approx. 1.3 fps) | Auto, Camera M, Portrait, Special Scene (Foliage, Snow, Beach, Sunsets, Fireworks, Aquarium, Underwater, ISO 3200, Indoor, Kids & Pets), Night Snapshot, Color Accent, Color Swap, Digital Macro, Stitch Assist, Movie. Continuous (approx. 1.4 fps) | Auto, Camera M, Portrait, Special Scene (Foliage, Snow, Beach, Sunsets, Fireworks, Aquarium, Underwater, Indoor, Kids & Pets), Night Snapshot, Color Accent, Color Swap, Digital Macro, Stitch Assist, Movie. Continuous (approx. 1.3 fps) | Auto, Camera M, Special Scene (Portrait, Foliage, Snow, Beach, Sunsets, Fireworks, Aquarium, Underwater, Indoor, Kids & Pets), Night Snapshot, Color Accent, Color Swap, Digital Macro, Stitch Assist, Movie. Continuous (approx. 1.7 fps) | Auto, Creative: P, Av, Tv, M, C; Image: Portrait, Landscape, Special Scene (Foliage, Snow, Beach, Fireworks, Night Scene, Aquarium, Underwater, ISO 3200, Indoor, Kids & Pets, Night Snapshot, Stitch Assist, Movie. Continuous (approx. 1.2 fps) | Auto, Creative: P, Av, Tv, M; Image: Portrait, Landscape, Special Scene (Foliage, Snow, Beach, Fireworks, Night Scene, Aquarium, Underwater), Indoor, Kids & Pets, Night Snapshot, Stitch Assist, Movie. Continuous (approx. 1.3 fps) | Auto, Easy; Creative: P, Av, Tv, M; Image: Portrait, Landscape, Special Scene (Foliage, Snow, Beach, Fireworks, Night Scene, Aquarium, Underwater), Indoor, Kids & Pets, Night Snapshot, Stitch Assist, Movie. Continuous (approx. 1.4 fps) | |
| Photo Effect / My Colors | Vivid, Vivid Blue, Vivid Green, Vivid Red, Neutral, Sepia, B/W, Positive Film, Lighter Skin Tone, Darker Skin Tone, Custom | My Colors: Vivid, Vivid Blue, Vivid Green, Vivid Red, Neutral, Sepia, B/W, Positive Film, Lighter Skin Tone, Darker Skin Tone, Custom | Vivid, Vivid Blue, Vivid Green, Vivid Red, Neutral, Sepia, B/W, Positive Film, Lighter Skin Tone, Darker Skin Tone, Custom | My Colors: Vivid, Vivid Blue, Vivid Green, Vivid Red, Neutral, Sepia, B/W, Positive Film, Lighter Skin Tone, Darker Skin Tone, Custom | My Colors: Vivid, Vivid Blue, Vivid Green, Vivid Red, Neutral, Sepia, B/W, Positive Film, Lighter Skin Tone, Darker Skin Tone, Custom | My Colors: Vivid, Neutral, Sepia, B/W, Custom | My Colors: Vivid, Neutral, Sepia, B/W, Custom | My Colors: Vivid, Neutral, Sepia, B/W, Custom | |
| Playback Modes | Still Image: Single, Magnification (approx. 2x-10x), Jump, Auto Rotate, Rotate, Resume, My Colors, My Category, Transition Effects, Histogram, Index (9 thumbnails), Sound Memos, Slide Show, Red-eye Correction, Resize, Trimming, Image Inspection Tool; Movie: Normal Playback, Special Playback, Editing, Auto Rotate, Resume | Still Image: Single, Magnification (approx. 2x-10x), Jump, Auto Rotate, Rotate, Resume, My Colors, My Category, Histogram, Index (9 thumbnails), Sound Memos, Slide Show, Red-eye Correction, Resize, Image Inspection Tool; Movie: Normal Playback, Special Playback, Editing, Auto Rotate, Resume | Still Image: Single, Magnification (approx. 2x-10x), Jump, Auto Rotate, Rotate, Resume, My Colors, My Category, Transition Effects, Histogram, Index (9 thumbnails), Sound Memos, Slide Show, Red-eye Correction, Resize, Trimming, Image Inspection Tool; Movie: Normal Playback, Special Playback, Editing, Auto Rotate, Resume | Still Image: Single, Magnification (approx. 2x-10x), Jump, Auto Rotate, Rotate, Resume, My Colors, My Category, Histogram, Index (9 thumbnails), Sound Memos, Slide Show, Red-eye Correction, Resize, Trimming, Image Inspection Tool; Movie: Normal Playback, Special Playback, Editing, Auto Rotate, Resume | Still Image: Single, Magnification (approx. 2x-10x), Jump, Auto Rotate, Rotate, Resume, My Colors, My Category, Histogram, Index (9 thumbnails), Sound Memos, Slide Show, Red-eye Correction; Movie: Normal Playback, Special Playback, Editing, Auto Rotate, Resume | Still Image: Single, Magnification (approx. 2x-10x), Jump, Auto Rotate, Rotate, Resume, Histogram, Index (9 thumbnails), Sound Memos, Red-eye Correction, Resize, Image Inspection Tool; Movie: Normal Playback, Special Playback | Still Image: Single, Magnification (approx. 2x-10x), Jump, Auto Rotate, Rotate, Resume, Histogram, Index (9 thumbnails), Sound Memos, Red-eye Correction, Resize, Image Inspection Tool; Movie: Normal Playback, Special Playback, Auto Rotate, Resume | Still Image: Single, Magnification (approx. 2x-10x), Jump, Auto Rotate, Rotate, Resume, Histogram, Index (9 thumbnails), Sound Memos, Red-eye Correction, Over Exposure Warning, Sound Memos, Red-eye Correction, Resize, Image Inspection Tool; Movie: Normal Playback, Special Playback, Auto Rotate, Resume | |
| Interfaces | USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), SD Memory Card slot, direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers | USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), SD Memory Card slot, direct connection to Canon CP, SELPHY, PIXMA Photo Printers & PictBridge compatible printers | USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), SD Memory Card slot, direct connection to Canon SELPHY, PIXMA Photo Printers & PictBridge compatible printers | USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), SD Memory Card slot, direct connection to Canon CP, SELPHY, PIXMA Photo Printers & PictBridge compatible printers | USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), SD Memory Card slot, direct connection to Canon CP, SELPHY, PIXMA Photo Printers & PictBridge compatible printers | USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), SD Memory Card slot, direct connection to Canon CP, SELPHY, PIXMA Photo Printers & PictBridge compatible printers | USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), SD Memory Card slot, direct connection to Canon CP, SELPHY, PIXMA Photo Printers & PictBridge compatible printers | USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), SD Memory Card slot, direct connection to Canon CP, SELPHY, PIXMA Photo Printers & PictBridge compatible printers | USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), SD Memory Card slot, direct connection to Canon CP, SELPHY, PIXMA Photo Printers & PictBridge compatible printers |
| Lens | 6.2-18.6mm f/2.8-4.9 zoom Optical Image Stabilizer lens (equiv. to 35-105mm in 35mm format) | 4.6-17.3mm f/2.8-5.8 zoom Optical Image Stabilizer lens (equiv. to 35-105mm in 35mm format) | 6.2-18.6mm f/2.8-4.9 zoom Optical Image Stabilizer lens (equiv. to 35-105mm in 35mm format) | 6.2-18.6mm f/2.8-4.9 zoom Optical Image Stabilizer lens (equiv. to 35-105mm in 35mm format) | 5.8-17.4mm f/2.8-4.9 zoom lens (equiv. to 35-114mm in 35mm format) | 7.4-44.4mm f/2.8-4.8 zoom Optical Image Stabilizer lens (equiv. to 35-210mm in 35mm format) | 5.8-34.8mm f/2.8-4.8 zoom Optical Image Stabilizer lens (equiv. to 35-140mm in 35mm format) | 5.8-23.2mm f/2.6-5.5 zoom Optical Image Stabilizer lens (equiv. to 35-140mm in 35mm format) | |
| Shutter Speed | 15-1/1500 sec.; Long Shutter operates with Noise Reduction when manually set at 1.3-15 sec. | 15-1/1600 sec.; Long Shutter operates with Noise Reduction when manually set at 1.3-15 sec. | 15-1/1500 sec.; Long Shutter operates with Noise Reduction when manually set at 1.3-15 sec. | 15-1/1500 sec.; Long Shutter operates with Noise Reduction when manually set at 1.3-15 sec. | 15-1/1500 sec.; Long Shutter operates with Noise Reduction when manually set at 1.3-15 sec. | 15-1/2000 sec.; Noise Reduction available when manually set at 1.3-15 sec. | 15-1/2000 sec.; Noise Reduction available when manually set at 1.3-15 sec. in Tv or M | 15-1/2000 sec.; Noise Reduction available when manually set at 1.3-15 sec. in Tv or M | |
| Focus Range | Normal AF: 1.0 ft./30cm - infinity; Macro AF: 1.2 in. - 1.6 ft./3-50cm (WIDE), 1-1.6 ft./30-50cm (TELE); Digital Macro: 1.2- 3.9 in./3-10cm (WIDE) | Normal AF: 1.5 ft./45cm - infinity; Macro AF: 1.2 in.-2.0 ft./3-60cm (WIDE), 1-2.0 ft./30-60cm (TELE); Digital Macro: 1.2 in.-2.0 ft./3-60cm (WIDE) | Normal AF: 1.0 ft./30cm - infinity; Macro AF: 1.2 in. - 1.6 ft./3-50cm (WIDE), 1-1.6 ft./30-50cm (TELE); Digital Macro: 1.2- 3.9 in./3-10cm (WIDE) | Normal AF: 1.0 ft./30cm - infinity; Macro AF: 1.2 in. - 1.6 ft./3-50cm (WIDE), 1-1.6 ft./30-50cm (TELE); Digital Macro: 1.2- 3.9 in./3-10cm (WIDE) | Normal AF: 1.0 ft./30cm - infinity; Macro AF: 1.2 in. - 1.6 ft./3-50cm (WIDE), 1-1.6 ft./30-50cm (TELE); Digital Macro: 1.2- 3.9 in./3-10cm (WIDE) | Normal AF: 1.0 ft./30cm - infinity; Macro AF: 1.2 in. - 1.6 ft./3-50cm (WIDE), 1-1.6 ft./30-50cm (TELE); Digital Macro: 1.2- 3.9 in./3-10cm (WIDE) | Normal AF: 1.6 ft./50cm - infinity; Macro AF: 0.39 in. - 1.6 ft./1-50cm (WIDE) | Normal AF: 1.8 ft./55cm - infinity; Macro AF: 0.39 in. - 1.8 ft./1-55cm (WIDE) | Normal AF: 1.5 ft./45cm - infinity; Macro AF: 2.0 in. - 1.5 ft./1.5-45cm (WIDE), 1.0-1.5 ft./30-45cm (TELE) |
| Light Metering System | Evaluative, Center-weighted average, Spot | Evaluative, Center-weighted average, Spot | Evaluative, Center-weighted average, Spot | Evaluative, Center-weighted average, Spot | Evaluative, Center-weighted average, Spot | Evaluative, Center-weighted average, Spot | Evaluative, Center-weighted average, Spot | Evaluative, Center-weighted average, Spot | |
| Exposure Control | Program AE; AE lock | Program AE, Auto ISO Shift; AE lock | Program AE; AE lock | Program AE; AE lock | Program AE, Auto ISO Shift; AE lock | Program AE, Shutter-priority AE, Aperture-priority AE (Safety Shift available), Manual, Auto ISO Shift; AE lock | Program AE, Shutter-priority AE, Aperture-priority AE; Program AE, Manual; AE lock | Program AE, Shutter-priority AE, Aperture-priority AE | |
| Compensation | +2 stops in 1/3-stop increments | +2 stops in 1/3-stop increments | +2 stops in 1/3-stop increments | +2 stops in 1/3-stop increments | +2 stops in 1/3-stop increments | +2 stops in 1/3-stop increments | +2 stops in 1/3-stop increments | +2 stops in 1/3-stop increments | |
| White Balance Control | TTL Auto, Preset (Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H), Custom | TTL Auto, Preset (Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H), Custom | TTL Auto, Preset (Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H), Custom | TTL Auto, Preset (Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H), Custom | TTL Auto, Preset (Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H), Custom | TTL Auto, Preset (Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Underwater), Custom | TTL Auto, Preset (Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Underwater), Custom | TTL Auto, Preset (Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H), Custom | |
| Viewfinder | No | No | Real-image optical zoom viewfinder | Real-image optical zoom viewfinder | No | Real-image optical zoom viewfinder | Real-image optical zoom viewfinder | Real-image optical zoom viewfinder | |
| LCD Monitor | 3.0" TFT color LCD | 3.0" TFT color LCD | 2.5" TFT color LCD | 2.5" TFT color LCD | 3.0" TFT color LCD | 2.5" TFT color LCD (vari-angle) | 2.5" TFT color LCD | 2.5" TFT color LCD | |
| Print/Share Button | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | |
| Power Sources | Rechargeable Lithium-ion Battery NB-5L, AC Adapter Kit ACK-DC30 | Rechargeable Lithium-ion Battery NB-5L, AC Adapter Kit ACK-DC30 | Rechargeable Lithium-ion Battery NB-6L, AC Adapter Kit ACK-DC40 | Rechargeable Lithium-ion Battery NB-4L, AC Adapter Kit ACK-DC10 | Rechargeable Lithium-ion Battery NB-4L, AC Adapter Kit ACK-DC10 | 4 AA-size Alkaline (included)/Ni-MH Battery NB4-300, AC Adapter Kit ACK600 | 2 AA-size Alkaline (included)/Ni-MH Battery NB4-300, AC Adapter Kit ACK800 | AA-size Alkaline/Ni-MH Battery NB4-300 (2 included, 2 required), AC Adapter Kit ACK800 | |
| Dimensions (W x H x D) | 3.61 x 2.24 x 0.82 in./91.6 x 56.8 x 20.9mm | 3.65 x 2.32 x 1.02 in./92.6 x 58.8 x 25.9mm | 3.39 x 2.13 x 0.80 in./86.0 x 54.0 x 20.4mm | 3.42 x 2.16 x 0.87 in. / 86.8 x 54.8 x 22.0mm | 3.61 x 2.24 x 0.77 in./91.6 x 56.8 x 19.6mm | 4.41 x 2.67 x 2.21 in./112.1 x 67.8 x 56.2mm | 3.83 x 2.64 x 1.65 in./97.3 x 67.0 x 41.9mm | 3.71 x 2.55 x 1.61 in./94.3 x 64.7 x 40.8mm | |
| Weight (camera body only) | Approx. 5.47 oz./155g | Approx. 5.50 oz./155g | Approx. 4.59 oz./130g | Approx. 4.41 oz. / 125g | Approx. 4.59 oz./130g | Approx. 10.58 oz./300g | Approx. 7.05 oz./200g | Approx. 6.17 oz./175g | |

* Standard output sensitivity. Recommended exposure index.
File Format for all PowerShot cameras: Design rule for Camera File System 1.0, DPOF Ver. 1.1 (Digital Print Order Format)

| | PowerShot A580 | PowerShot A470 |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| |  DIGIC III |  DIGIC III |
| Type | Compact digital still camera w/built-in flash, 4x Optical & 4x Digital & 16x Combined Zoom | Compact digital still camera w/built-in flash, 3.4x Optical & 4x Digital & 14x Combined Zoom |
| Image Capture Device | 8.0 Megapixel 1/2.5" CCD | 7.1 Megapixel 1/2.5" CCD |
| Resolution (Recording Pixels) Still Image | 3,264 x 2,448 (Large), 2,592 x 1,944 (Medium 1), 2,048 x 1,536 (Medium 2), 1,600 x 1,200 (Medium 3), 640 x 480 (Small), 3,264 x 1,832 (Widescreen) | 3,072 x 2,304 (Large), 2,592 x 1,944 (Medium 1), 2,048 x 1,536 (Medium 2), 1,600 x 1,200 (Medium 3), 640 x 480 (Small), 3,072 x 1,728 (Widescreen) |
| Resolution (Recording Pixels) Movie | 640 x 480 at 20 fps/20 fps LP, 320 x 240 approx. at 30 fps available up to 4GB or approx. 60 min. per clip, 160 x 120 approx. 3 min. per clip at 15 fps | 640 x 480 at 20 fps/20 fps LP, 320 x 240 approx. at 30 fps available up to 4GB or approx. 60 min. per clip, 160 x 120 approx. 3 min. per clip at 15 fps |
| ISO Sensitivity* | Auto, High ISO Auto, ISO 80/100/200/400/800/1600 | Auto, High ISO Auto, ISO 80/100/200/400/800/1600 |
| Image Quality Modes | JPEG: Normal, Fine, SuperFine | JPEG: Normal, Fine, SuperFine |
| Image Compression | Still Image: JPEG (Exif. 2.2 compliant); Movie: AVI (Image: Motion JPEG; Audio: WAVE (Monaural)) | Still Image: JPEG (Exif. 2.2 compliant); Movie: AVI (Image: Motion JPEG; Audio: WAVE (Monaural)) |
| Recording Media | SD/SDHC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card | SD/SDHC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card |
| Shooting Modes | Auto, Easy, Camera M, Portrait, Landscape, Special Scene (Night Scene, Foliage, Snow, Beach, Sunset, Fireworks, Aquarium), Indoor, Kids & Pets, Night Snapshot, Movie, Continuous (approx. 1.4 fps) | Auto, Camera M, Special Scene (Portrait, Foliage, Snow, Beach, Sunset, Fireworks, Aquarium, Indoor, Kids & Pets, Night Snapshot), Super Macro, Movie, Continuous (approx. 1.9 fps) |
| Photo Effect / My Colors | My Colors: Vivid, Neutral, Sepia, B/W, Custom | My Colors: Vivid, Neutral, Sepia, B/W, Custom |
| Playback Modes | Still Image: Single, Magnification (approx. 2x–10x), Jump, Auto Rotate, Rotate, Resume, My Category, Transition Effects, Histogram, Index (9 thumbnails), Over Exposure Warning, Sound Memos, Red-eye Correction, Resize, Image Inspection Tool; Movie: Normal Playback, Special Playback, Auto Rotate, Resume | Still Image: Single, Magnification (approx. 2x–10x), Jump, Auto Rotate, Rotate, Resume, My Category, Transition Effects, Histogram, Index (9 thumbnails), Over Exposure Warning, Sound Memos, Red-eye Correction, Resize; Movie: Normal Playback, Special Playback |
| Interfaces | USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), SD Memory Card slot, direct connection to Canon CP, SELPHY, PIXMA Photo Printers & PictBridge compatible printers | USB 2.0 Hi-Speed; AV Output (NTSC/PAL selectable, Monaural Audio), SD Memory Card slot, direct connection to Canon CP, SELPHY, PIXMA Photo Printers & PictBridge compatible printers |
| Lens | 5.8–23.2mm f/2.6–5.5 zoom lens (equiv. to 35–140mm in 35mm format) | 6.3–21.6mm f/3.0–5.8 zoom lens (equiv. to 38–132mm in 35mm format) |
| Shutter Speed | 1/60–1/2000 sec., 15–1/2000 sec.; Noise Reduction available when manually set at 1.3–15 sec. | 1/60–1/2000 sec., 15–1/2000 sec.; Noise Reduction available when manually set at 1.3–15 sec. |
| Focus Range | Normal AF: 1.5 ft./45cm–infinity; Macro AF: 2.0 in.–1.5 ft./5–45cm (WIDE), 1.0–1.5 ft./30–45cm (TELE) | Normal AF: 1.5 ft./47cm–infinity; Macro AF: 2.0 in.–1.5 ft./5–47cm (WIDE), 9.8 in.–1.5 ft./25–47cm (TELE); Super Macro: 0.39–3.9 in./1–10cm (WIDE) |
| Light Metering System | Evaluative, Center-weighted average, Spot | Evaluative, Center-weighted average, Spot |
| Exposure Control | Program AE | Program AE |
| Compensation | ±2 stops in 1/3-stop increments | ±2 stops in 1/3-stop increments |
| White Balance Control | TTL Auto, Preset (Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H), Custom | TTL Auto, Preset (Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H), Custom |
| Viewfinder | Real-image optical zoom viewfinder | No |
| LCD Monitor | 2.5" TFT color LCD | 2.5" TFT color LCD |
| Print/Share Button | Yes | Yes |
| Power Sources | AA-size Alkaline/Ni-MH Battery NB4-300 (2 included, 2 required), AC Adapter Kit ACK800 | AA-size Alkaline/Ni-MH Battery NB4-300 (2 included, 2 required), AC Adapter Kit ACK800 |
| Dimensions (W x H x D) | 3.71 x 2.55 x 1.61 in./94.3 x 64.7 x 40.8mm | 4.13 x 2.17 x 1.60 in./104.8 x 55.1 x 40.7mm |
| Weight (camera body only) | Approx. 6.17 oz./175g | Approx. 5.82 oz./165g |

* Standard output sensitivity. Recommended exposure index.

File Format for all PowerShot cameras: Design rule for Camera File System 1.0, DPOF Ver. 1.1 (Digital Print Order Format)