Canon

PowerShot
TECHNOLOGY GUIDE

TECHNOLOGY GUIDE

MAKE EVERY SHOT A PowerShot

Canon
*i*mageANYWARE

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www.powershot.com

A New, Higher Standard in Digital Photography

This image was taken with the PowerShot SD800 IS Digital ELPH

Canon Image Rendering

Today's selection of digital cameras seems limitless. Similar specifications abound, so choosing the right manufacturer is critical. Which manufacturer can deliver the advanced capabilities and superb image quality that your creative vision deserves – in an easy-to-use, elegant package? Only Canon has everything it takes: clear dominance in optical technology, unparalleled manufacturing experience, and the unique ability to develop and manufacture its own image processors. All cameras are not created equal: own a Canon, and see the difference.
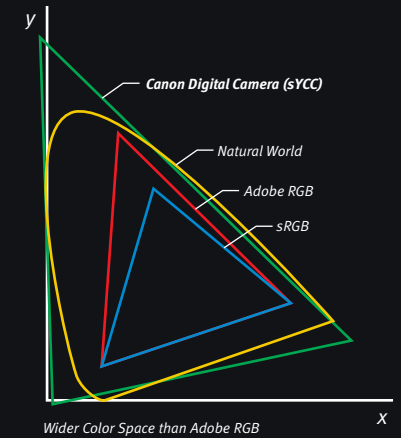

PowerShot G7

iSAPS TECHNOLOGY

iSAPS (Intelligent Scene Analysis based on Photographic Space) dramatically improves automatic focus, exposure and white balance systems by optimizing settings for any given scene. The technology combines advanced prediction algorithms with statistical frequencies for different combinations of focal length, focus distance, scene brightness and more, culled from Canon's nearly seven decades of collected data.

COLOR AND ATMOSPHERE OF THE MIND'S EYE

Canon image rendering uses proprietary algorithms based on the industry's most extensive database of accumulated imaging data to reproduce the beauty and intensity of the colors in our mind's eye. Rather than simply boosting color densities and contrast (as some digital camera manufacturers do), Canon uses "beautiful to the eye" as its guiding principle. Its tonal curves achieve a delicate balance, retaining color and brilliance without sacrificing the subtleties that convey quality and make a scene truly pleasing to behold. Using its huge store of Auto Exposure data cultivated from the development of evaluative metering systems, Canon's Intelligent Auto Exposure system predicts the intentions of the photographer and produces the best exposures even under difficult lighting conditions. Canon's Intelligent Auto White Balance consistently achieves natural color balance over a wide range of lighting conditions. Together, these systems deliver the closest possible approach to human perception.

Canon Digital Camera (sYCC)
Natural World
Adobe RGB
sRGB

Wider Color Space than Adobe RGB

Canon Lens Technology

This image was taken with the PowerShot A710 IS

Optical Engineering Plays a Fundamental Role in Digital Camera Design.

CANON LENS TECHNOLOGY

High Resolution Lens

Low Resolution Lens

Canon has the world's foremost lens technology, backed by a nearly 70-year track record of innovation and validated by optical patents that have become industry standards. Canon's commitment to digital camera optics is just as firm. Using the most advanced aspherical design technologies, lenses are subjected to numerous fine adjustments in the assembly process. UA Lens Technology absolutely minimizes color fringing, image smearing, ghosting and flare, while keeping camera designs extraordinarily compact. The benefits are dramatic: clear, bright images captured with outstanding contrast throughout the zoom range.
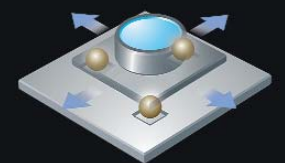
IMAGE STABILIZER*

with Image Stabilizer ON

with Image Stabilizer OFF

Canon's sophisticated optical Image Stabilizer technology uses miniature gyroscopic sensors to detect motion and generate a corrective signal. An image stabilizing lens group along the optical axis is shifted in response to the detected motion, providing effective cancellation of unwanted lens movement and vibration. The benefits are obvious and enormous. In still photography, long lenses can be hand held at slower shutter speeds without resulting in blurred images. Handheld video footage is smoother — free of the unsteadiness that can make viewing home movies tiresome.

Compact, highly accurate IS unit

Ceramic ball support system provides compact, high-precision performance
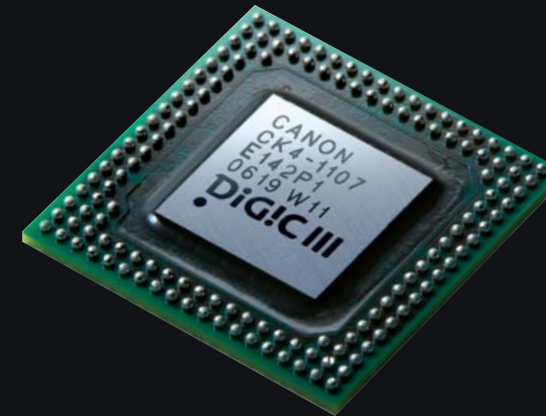
* Not on all models.

New DiG!C III Features

This image was taken with the PowerShot G7

Canon's Optical Image Stabilizer and ISO1600 Allow You to Take Better Shots in More Situations.

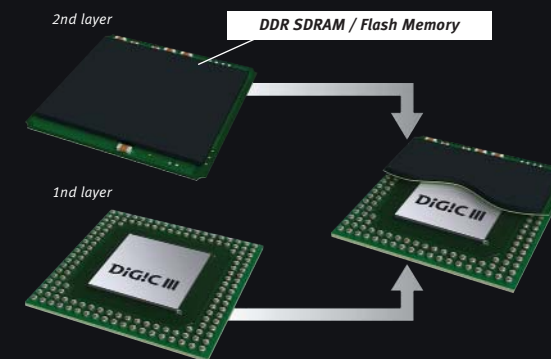### DiG!C III IMAGE PROCESSOR*

Canon's exclusive **DiG!C** Image Processor was a major advancement, offering superior image quality, faster operation and lower power consumption. **DiG!C II** enhanced camera response even further. Now, setting speed and performance standards yet again, Canon introduces **DiG!C III** in select PowerShot models.
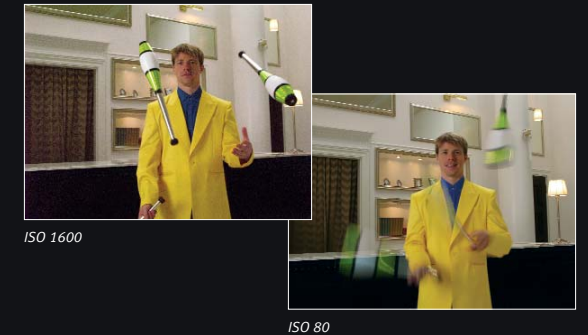
Functions of DiG!C image Processor

Signal Processing	JPEG Compression/Depression
Memory Card Control	Display
Imaging AF, AE, AWB	Imaging Control

SiP Technology to fit all of the components in one chip by reducing the DDR SDRAM's power consumption.

2nd layer

DDR SDRAM / Flash Memory

1nd layer

ISO1600*

ISO 1600

ISO 80

Canon's highly advanced **DiG!C III** Image Processor enables a range of ISO equivalent settings from 80 to 1600, making it possible to achieve excellent image quality under darker conditions – without a flash. With blurring due to camera shake greatly reduced, photographers can shoot high quality images in many more situations. On the PowerShot G7, ISO settings are quickly accessible from a dedicated control dial.

NOISE REDUCTION*

Noise Reduction ON

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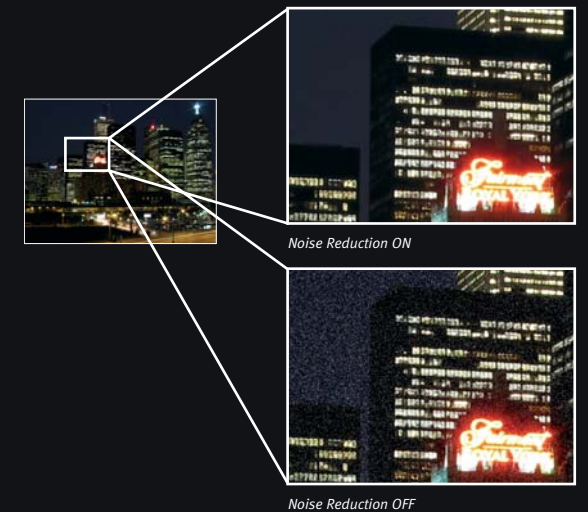
Experienced photographers know that high ISO speeds can coincide with increased levels of noise: aberrant or stray signals that degrade image quality. With Canon's exclusive **DiG!C III** Image Processor, there is no need for compromise. **DiG!C III** offers a major boost in noise reduction signal processing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

* Not on all models.

* Not on all models.

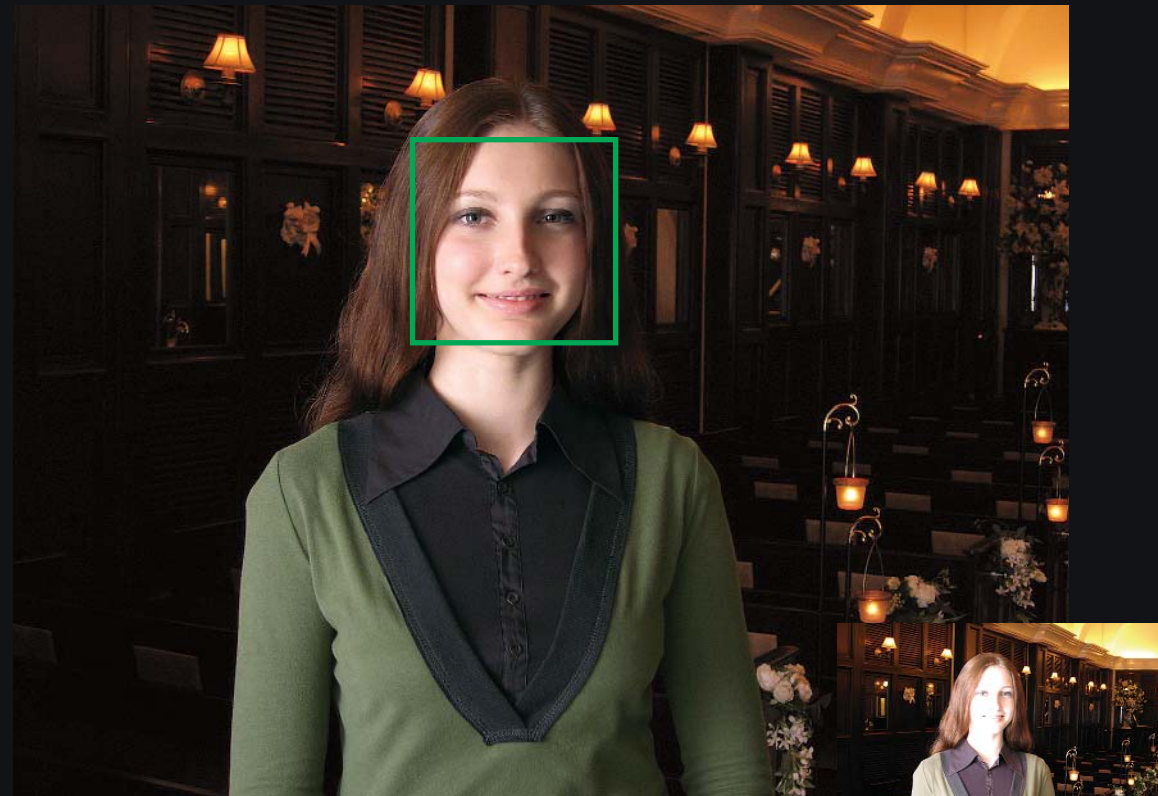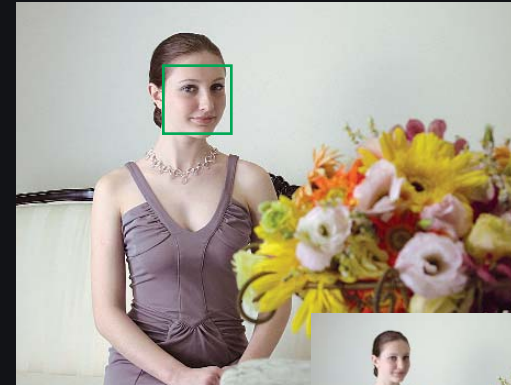# Precise AF/AE System

With Face Detection AE/AF

Canon's Face Detection Technology is Making Photography more Intuitive Than Ever.

Without Face Detection AE/AF

FACE DETECTION AF/AE*

With Face Detection AE / AF

Without Face Detection AE/AF

Cameras equipped with the DIGIC III Image Processor feature Face Detection AF/AE. When the shutter button is depressed half-way, the camera finds all the faces in the frame. Exposure and flash are also controlled to ensure proper illumination of both the faces and the overall scene.

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 feature quickly and accurately achieves autofocus under a wide variety of shooting conditions, even when the subject is not centered.

FLEXIZONE AF/AE*

Using FlexiZone AF/AE, the photographer can freely move the AF point around the frame, focusing on off-center subjects without reframing the shot. When spot metering is selected, exposure can be measured at the chosen AF point or at the center of the frame for maximum flexibility in difficult lighting.

EXPOSURE METERING
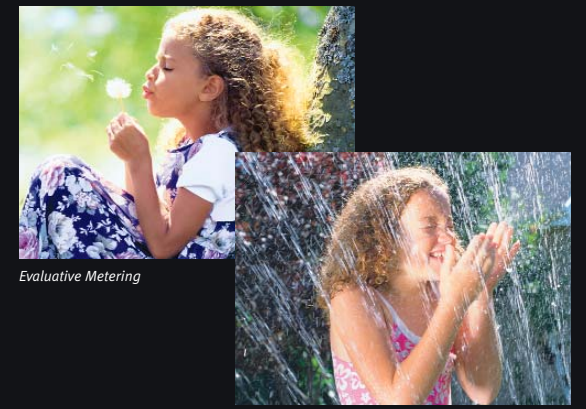
Evaluative Metering

Spot Metering

Advanced photographers can select one of three light-metering modes: evaluative metering, center-weighted average metering, or spot metering. The spot metering mode enables the measurement to be tied to the AF point or fixed at the center of the frame.

Advanced Movie Recording

XGA MOVIE **VGA 30 FPS** **VGA/XGA MOVIE RECORDING WITH STEREO SOUND***

Select PowerShot digital cameras capture movie clips at full VGA resolution (640 x 480). VGA Fine Movie mode offers a lower-compression recording option for smoother, higher quality movies and noise reduction. Some PowerShot digital cameras offer Large mode movie recording in XGA size (1024 x 768 at 15 fps), which captures about twice the data of VGA resolution for stunning detail. PowerShot S3 IS records movies in stereo.

1024 x 768 (XGA)

640 x 480 (VGA)

320 x 240 (QVGA)

160x 120

MOVIESNAP*

MovieSnap, available on some PowerShot models, allows the user to record a high-resolution still image while shooting a movie, simply by pressing the shutter button. Stills are captured in the quality mode and compression rate selected for the movie.

HIGH-SPEED AE/AWB DURING MOVIE CAPTURE*
Some PowerShot digital cameras adjust AE, AF and AWB automatically during movie recording. Photo Effects including Sepia and Black and White can be used to enhance creativity. S3 IS users have complete access to zoom, exposure compensation, AE Lock and AF Lock functions while recording movies.

VERSATILE MOVIE EDITING AND PLAYBACK FUNCTIONS
All PowerShot cameras enable editing of recorded movie clips, including deletions from the beginning and/or end of scenes. Playback mode offers convenient navigation options. Models with Enhanced Movie Playback UI can display playback time, a progress bar and recording time on the LCD monitor.

Play 0˚00" 19:43

Track playback time, progress and recording time right on the LCD monitor.

Wireless Technology

WI-FI TECHNOLOGY*
The Canon PowerShot SD430 Digital ELPH Wireless with Wi-Fi technology offers cable-free convenience. Up to eight wireless devices can be registered to the camera. State-of-the-art security prevents third-party interception of images during transfer.

Wireless Printing

Wireless Transfer

Wireless Downloading

Wireless Remote

Wi-Fi CERTIFIED ®

WIRELESS DIRECT PRINTING
Print directly without wires or hassle up to 100 feet from the printer. Simply select an image on the camera and hit the Print/Share button. In seconds, the image will be wirelessly transmitted to the Canon printer or any PictBridge compatible printer via the Wireless Print Adapter WA-1N.

Wireless Print Adapter WA-1N

WIRELESS TRANSFER TO ANOTHER SD430 DIGITAL ELPH WIRELESS
Another way to share memories is to transfer images from one SD430 Digital ELPH Wireless to another by downloading a firmware update from the web onto both cameras.

WIRELESS DOWNLOADING TO A COMPUTER
There are two new ways to wirelessly transfer pictures and movies to a computer. The Wireless Auto Transfer feature displays images on the screen in a live slide show as they are shot. The Print/Share button downloads images and movies to the computer without a USB cable.

WIRELESS REMOTECAPTURE
RemoteCapture enables impressive candid shots and nature photos by operating the camera from a computer. Once a wireless connection has been established, the user can watch the camera's live video feed on the computer screen and snap the perfect picture with the keyboard.

* Not on all models.

Shooting Modes

SHOOTING MODES

Shooting Modes intelligently optimize settings for perfect photos in a wide range of situations.

AUTO AUTO

The camera optimizes all the settings for point-and-shoot simplicity.

PORTRAIT

A large aperture focuses the subject against an artistically blurred background.

LANDSCAPE*

For front to back sharpness, the camera sets a small aperture.

SPORTS*

Ensures highly accurate autofocus when shooting fast-moving subjects.

NIGHT SCENE*

Slow-sync flash on subject with properly exposed background.

STITCH ASSIST
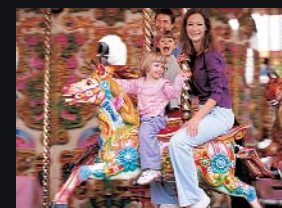
Aligns sequential images to build awe-inspiring panoramas.

MOVIE

Captures video in XGA, VGA, QVGA, or QQVGA with audio.

PROGRAM*

Advanced exposure compensation during automatic shooting.

Tv SHUTTER-PRIORITY*

Camera selects the aperture for user's shutter speed.

Av APERTURE-PRIORITY*

Camera selects the shutter speed for user's aperture.

M MANUAL

User selects both aperture and shutter speed manually.

C CUSTOM*

User can store their favorite settings.

SCN SPECIAL SCENE MODES

PowerShot cameras with Special Scene Modes offer advanced presets, ensuring the best possible photos under difficult shooting conditions.

ISO 3200*

Shoot in dark settings without using the flash.

AQUARIUM*

Achieve proper flash-free exposure and natural hues at indoor aquariums.

FOLIAGE

Capture brilliant shots of autumn foliage, greenery and blossoms.

SNOW

Shoot clear snow scenes without darkened subjects or an unnatural bluish tint.

BEACH

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

FIREWORKS

Capture brilliant images of skyrocketing fireworks.

UNDERWATER*

Reduce backscatter effect (optional Underwater/All Weather Case required).

INDOOR

Reduce blur and improve color accuracy when shooting handheld indoors.

KIDS & PETS

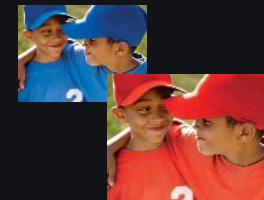Freeze fast-moving subjects to capture those special shots.

NIGHT SNAPSHOT

Get natural-looking pictures with brighter backgrounds and subjects lit by flash.

COLOR ACCENT*

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

COLOR SWAP*

Select a color and replace it with another color for special effects.

Shooting Modes

Innovative Features

MY COLORS*

My Colors lets you customize color before shooting and correct individual colors on the LCD screen as you shoot! A wide range of modes, include Vivid Blue, Vivid Red, Vivid Green, Positive Film, Lighter Skin Tone, Darker Skin Tone, and Custom Color.

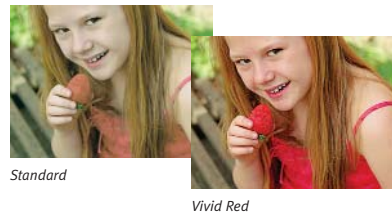*Standard*
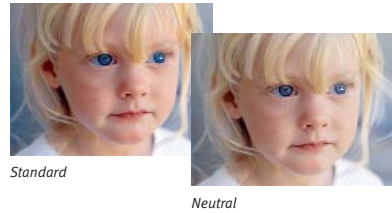
Neutral

NEUTRAL
Produce images of subtle, elegant tonality.

Standard

Black & White

BLACK & WHITE
Enhance clarity – especially useful when shooting text.

Standard

Lighter Skin Tone

LIGHTER SKIN TONE
Make subjects' skin tones lighter.

Standard

Vivid Blue

VIVID BLUE
Emphasize the sea, sky and other blue areas.

Standard

Vivid Red

VIVID RED
Charge up red objects in the image for extra impact.

Standard

Vivid

VIVID
Capture vibrant shots with dramatic high-contrast.

Standard

Sepia

SEPIA
Recreate the look of vintage photographs.

Standard

Positive Film

POSITIVE FILM
Combine "Vivid" settings to achieve a positive film effect.

Standard

Dark Skin Tone

DARKER SKIN TONE
Darken skin tones a shade.

Standard

Vivid Green

VIVID GREEN
Add vivid dimension to greens for extraordinary nature shots.

Standard

Custom Color

CUSTOM COLOR
Finely adjust brightness, vividness, and skin color balance.

SAFETY ZOOM*

10.0 megapixcel CCD

6x Optical Zoom — 4x Digital Zoom

6x | 12x | 24x

L size
3648 x 2736 (Full pixels)

Jagged   Jagged   Jagged

M2 size
2272 x 1704

Jagged   Jagged

M3 size
1600 x 1200

Jagged

The Safety Zoom feature on select PowerShot cameras lets the user set a minimum acceptable megapixel count for the digital zoom. The zoom pauses at the end of the Safety Zoom rather than at the end of the optical zoom range.
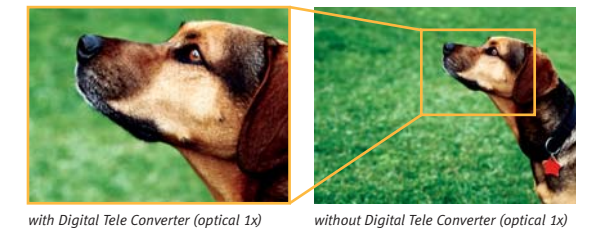
DIGITAL TELE CONVERTER*

Some PowerShot models incorporate a digital tele converter for shooting subjects at great distances without mounting a separate tele converter lens. Users can select one of two magnification levels from the menu.

SAFETY SHIFT*

The Safety Shift feature (which can be disabled) momentarily overrides the user priority setting and automatically changes shutter speed or aperture as required to prevent a failed shot and ensure optimum exposure.

A tele-converter effect is created digitally by shifting the angle of view

35   70   105   140   175   210   245   280   315 (mm)

4x Optical Zoom — f/2.8   f/4.1   (f/4.1) (Digital Zoom : Before)

Digital Tele-Converter (1.4x) — f/2.8   f/4.1
49mm   196mm

No Vignette M size : Not Jagged (Depends on resolution)

Digital Tele-Converter (2.3x) — f/2.8   f/4.1
80.5mm   322mm

with Digital Tele Converter (optical 1x)   *without Digital Tele Converter (optical 1x)*

* Actual results may vary from examples shown above. Final image may vary depending on picture composition.

* Not on all models.

Innovative Features

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

LIGHT GUIDE FLASH WITH MULTIPLE FLASH MODES*

The flash built into PowerShot cameras employs Canon's elegant light guide technology, which ensures high flash output and uniform coverage in remarkably little space. Five flash modes and auto red-eye reduction can be turned on and off in any combination. "First curtain" sync is also available, and flash strength can be set manually to any of 3 levels.
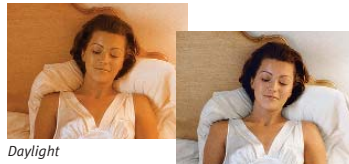
First curtain sync

Second curtain sync

WB SELECT WHITE BALANCE SELECTOR

In the auto mode, PowerShot cameras provide superb automatic white balance compensation using iSAPS Technology. Presets including daylight, cloudy, tungsten and fluorescent are also available. Manual white balance can also be set and stored.

Daylight

Indoor Light

☀ **Sunny**: *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.*

⚡M MANUALLY ADJUSTABLE FLASH*

Under certain shooting conditions, the user may want to manually change the flash strength. This feature allows the flash to be set to one of 3 levels — weak, medium or strong.

Weak

Medium

Strong

⚡± FLASH EXPOSURE COMPENSATION*

Automatic Flash Exposure may be adjusted up to ±2 stops in 1/3-stop increments depending on shooting conditions.

16:9 16:9 WIDESCREEN RESOLUTION*

Select PowerShot models allow the user to set the recording pixels in Widescreen. Images taken in this setting have a 16:9 aspect ratio, so they display no warping or cropping when viewed on widescreen televisions or computer monitors.

16:9 Widescreen mode

4:3 mode

INTERVAL SHOOTING

The camera can be programmed to automatically shoot a sequence of photos at fixed time intervals. 2 to 100 images can be captured at intervals from 1 to 60 minutes. Perfect for photographic studies and unattended sequential picture-taking.
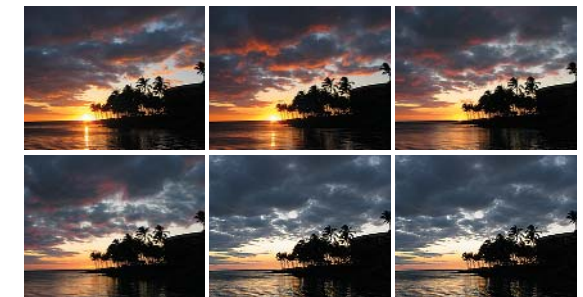
Images shot at 2 minute intervals

* Not on all models.

Innovative Features

WIDE-ANGLE VIEWING*

Many PowerShot cameras now incorporate a big 2.5 or 3.0 inch LCD monitor with a highly visible UI display designed specifically for this large format. And, unlike some other manufacturers, Canon has chosen to provide users with an optical viewfinder as well.

160°
Viewing Angle

80°
80° **80°**
Horizontal Viewing Angle

80° **80°**
Vertical Viewing Angle

VARI-ANGLE LCD MONITOR*

The screen conveniently flips out, allowing users to tilt the LCD up or down to minimize reflections or compose at unusual shooting angles. Rotate forward for perfectly framed self-portraits.
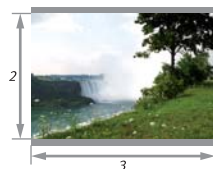
270°

180°

NIGHT DISPLAY

When shooting at dusk or at night, the Night Display function brightens objects in the LCD monitor to let the photographer see the display clearly.

without Night Display   *with Night Display*

3:2 GUIDE DISPLAY*

Now users can clearly see which area of the LCD display will print, simply by choosing the 3:2 Display Overlay option from the menu.

2

3

INTELLIGENT ORIENTATION SENSOR

PowerShot cameras detect whether a picture is being taken horizontally or vertically, then adjust autofocus, auto exposure and auto white balance accordingly. Images are properly oriented for playback as well.

Horizontal

Vertical

DETAILED INFORMATION DISPLAY*

All PowerShot cameras feature easy-to-interpret displays. Necessary information is conveniently displayed with intuitive icons.
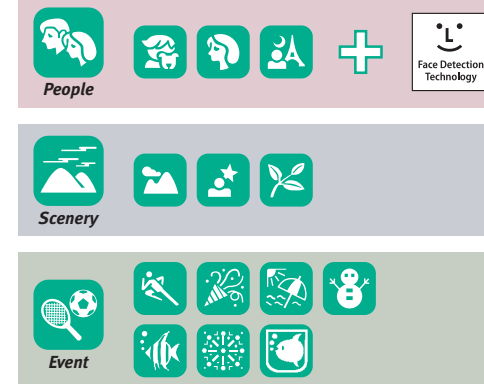
MY CATEGORY*

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

Rules on Assigning Categories

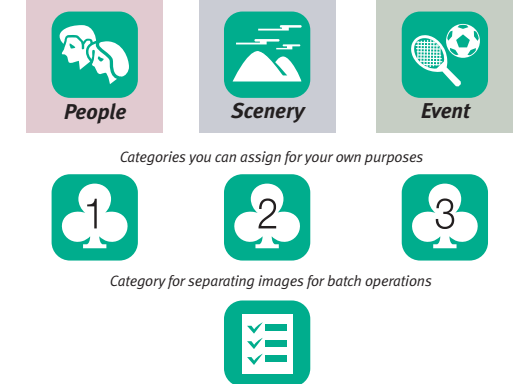**When Shooting**
Camera automatically categorizes images for you

The camera adds categories automatically in conjunction with the scene mode.

People

Face Detection Technology

Scenery

Event

When Playing Back
Manually categorize images according to your preferences

Change categories to suit your preferences.

People   **Scenery**   **Event**

Categories you can assign for your own purposes

1   **2**   **3**

Category for separating images for batch operations

MAGNIFIED PLAYBACK*

During playback, images on the LCD monitor can be magnified; the next or previous image can then be viewed without first returning to the original size. Users can zoom into the image (2x to 10x) and scroll vertically or horizontally.

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

JUMP FUNCTION

With the Jump function, users 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.

FOLDER MANAGEMENT

With Folder Management, images stored on the memory card can be organized by the user, right on camera.
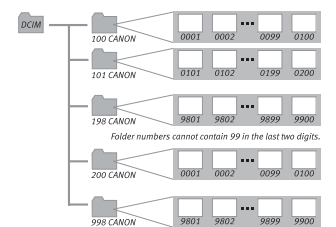
INTERNATIONAL USER INTERFACE WITH MULTI LANGUAGE SUPPORT[†]

The user can select from a number of different languages* for on-screen menu text. The interface choices 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.

Operation

* Not on all models.
† Number of languages may vary depending on models.

DIG!C II IMAGE PROCESSOR

Canon's exclusive **DIG!C II** Image Processor ensures a speedy response when processing images and movie clips. **DIG!C II** plays a critical role in image quality, too. Details are rendered precisely, and colors are vibrant and true across the tonal range from shadows to highlights.

PRINT HEAD CONTROL IC

Canon Direct Photo Printers with the new Print Head Control IC technology offer enhanced high-precision gradation control of 300 x 600 dpi prints. The result is excellent image quality regardless of the ambient temperature or whether the source is Canon Direct Print (from a memory card), PictBridge, IrDA, Bluetooth or Wireless LAN.

INTEGRATED INK AND PAPER CARTRIDGE

Canon SELPHY ES1 Compact Photo Printer is the first photo printer on the market to use a single integrated cartridge holding both ink and paper. Cartridge replacement is quick and error-free, and various paper sizes are available. Canon's new SELPHY ES1 Compact Photo Printer accepts an integrated cartridge for printing crisp black & white photos with no color fogging.

4" x 6" paper

4" x 6" paper for B&W prints

Credit card size paper

Credit card size label

CREATIVE PRINTS

SPEECH BUBBLES
Users can spice up their prints with Speech Bubbles, choosing style, color, placement and rotation.

CALENDAR
Fun, original calendars are easy to create using captured images and a combination of 6 designs and 6 backgrounds.

MULTI LAYOUT
The Multi Layout function creates customized layouts of stored images. Options include several layout patterns and background colors.

ALBUM
Memories can be preserved in artful, individualized albums with multiple layout and background color choices for covers and interior pages.

RED-EYE CORRECTION
New SELPHY Compact Photo Printers can automatically detect and correct red-eye, an all-too familiar outcome of flash photography. A sophisticated algorithm is employed to detect the phenomenon, and signals the printer to reduce the effect in the finished image.

AUTOMATIC COMPENSATION
Backlight and overexposure subjects can be corrected before printing. Select Automatic Compensation "On" in the Image Correction settings. Then the picture is printed out in better quality.

Direct Print

High Quality Printing

Direct Print mode offers computer-free printing from Canon's fine lineup of SELPHY Compact Photo Printers or Direct Photo Printers. Canon printers and cameras work together, optimizing quality to create lushly detailed prints with vivid, accurate color.

MEMORY CARD SLOT

Select SELPHY Compact Photo Printers are equipped with Memory Card Slots for cable-free printing from CF cards, SD cards (MultiMediaCards) and Memory Sticks.

WIRELESS PRINTING VIA WI-FI, BLUETOOTH or IrDA*

Select Canon printers offer wireless printing from a cell phone, PC or PDA via Wi-Fi, Bluetooth or IrDA interface.

Bluetooth Unit BU-20

RETRACTABLE USB CABLE†

Select SELPHY compact photo printers are equipped with a built-in retractable USB cable to keep the process streamlined and the printing area organized.

LCD MONITOR

A convenient LCD monitor is built into select SELPHY Compact Photo Printers. The monitor displays the image that is currently printing, along with guidance and information.

1. CONNECT

Connect the USB cable to a Canon digital camera or PictBridge compatible camera.

2. PRESS/PRINT

Press the lighted Print/Share button. You'll have long lasting, professional quality prints in minutes.

ID PHOTO PRINT*

PowerShot cameras with the ID Photo Print feature enable users to make official ID size prints directly from a Canon Compact Photo Printer. Users have a choice of 28 print sizes and can crop the recorded image to the required area.

MOVIE PRINT*

Another useful direct print capability built into the PowerShot cameras is the Movie Print feature. It works automatically with a connected SELPHY Compact Photo Printer to print multiple frames from a recorded movie on a single sheet.

4" X 8" PHOTO GREETING CARDS

SELPHY Compact Photo Printers create original, professional-quality photo greeting cards quickly and easily using included PhotoRecord†† software (Windows® only).

Choose from over 250 background designs, 100 clip-art images, 150 photo frames and more.††

CONNECT†

Simply connect your Compact Photo Printer and digital camera to your computer—download your images from the camera.

CREATE

Choose from a wide-range of stylish pre-designed templates, type in a message, add frames to your photos, even add clip-art.††

PRINT

Print lab-quality, water- and fade-resistant greeting cards!

POSTCARD DATE IMPRINT*

The camera automatically sets the optimal pixel count and compression to create postcard or smaller size prints from a series of shots. Finished print parameters, including a date stamp, are shown in the monitor.

2004/08/15

Direct Print

† May not be compatible with all digital cameras; otherwise, use USB cable provided with digital camera.
†† Install the included ZoomBrowser EX (Windows® only) software prior to connecting the digital camera.
* Not on all models.

Paper/Media

13" x 19" (select PIXMA Photo Printers only)

8.5" x 11" (PIXMA Photo Printers only)

4" x 8"
(Select PIXMA Photo Printers, CP and select SELPHY Compact Photo Printers)†

5" x 7" (PIXMA Photo Printers only)

4" x 6" (PIXMA Photo Printers, CP and SELPHY Compact Photo Printers)

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

8 Mini Labels
(Select CP and SELPHY Compact Photo Printers)††

Credit Card Size/ Full Label
(Select PIXMA Photo Printers, CP and SELPHY Compact Photo Printers)††

Full Label
(CP and SELPHY Compact Photo Printers)††

for ES1

Easy Photo Pack EP-100
4" x 6" paper, 100 sheets

Easy Photo Pack E-P50
4" x 6" paper, 50 sheets

Easy Photo Pack E-P25BW
4" x 6" paper for B&W prints 25 sheets

Easy Photo Pack E-C25
Credit card size paper, 25 sheets

Easy Photo Pack E-C25L
Credit card size label, 25 sheets

for Other SELPHY

KP-108IP
4" x 6" paper, 108 sheets/ink

KP-36IP
4" x 6" paper, 36 sheets/ink

Compact Photo Printer Greeting Card Kit
4" x 8" paper, 24 sheets/ ink, Wide size paper cassette, 24 envelopes

KP-24IP†
4" x 8" paper, 24 sheets/ink

KP-18IF††
Credit card size full label, 18 sheets/ink

KP-18IL††
Credit card size 8 mini labels, 18 sheets/ink

KC-36IP††
Credit card size paper 36 sheets/ink

BCI-16 Photo Value Pack
140 4" x 6" paper, 2 Color Ink Tanks

† Optional 4" x 8" Size Paper Cassette PCW-CP100 required.
†† Optional Credit Card Size Paper Cassette PCC-CP100 required.

PowerShot Accessories

TELE CONVERTER LENS

WIDE CONVERTER LENS

CLOSE-UP CONVERTER LENS

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.

WATER PROOF **ALL WEATHER** **WATERPROOF/ALL WEATHER 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 users adjust buoyancy to prevent the camera from floating underwater.

CAMERA STATION*
PowerShot SD40 includes the CS-DC1a Camera Station, which offers1 battery recharging, AC-driven video output, image transfers to a computer, remote control for playback, and direct printing to Canon and other PictBridge enabled printers.

Accessories

Software

ZOOMBROWSER (WINDOWS) / IMAGEBROWSER (MAC)

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.

ZoomBrowser EX for Windows and ImageBrowser for Mac provide essential camera connectivity, file management and image viewing functions in a user-friendly application that is fast and reliable. Use the intuitive interface to download images from a CompactFlash or SD memory card and organize image files on the computer hard drive. Users can transfer their best shots to the computer, clear the card and shoot again. Developed for both PowerShot users and EOS Digital SLR users, the new ZoomBrowser EX 5.7 features a host of improvements.

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 a 1-second unit format that allows highly flexible editing with quick data-save performance.

HIGH-SPEED VIEWING
Highest and fastest performance among different image management software, the time to open images by selecting thumbnails and the time to display all thumbnails within the folder.
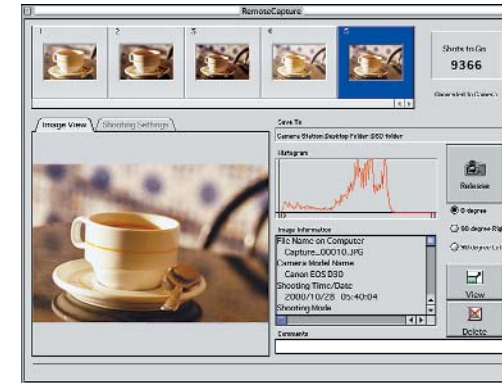
RED-EYE CORRECTION
There are both Auto and Manual Modes to correct the red-eye caused by night or indoor shooting simply by selecting the "Red-Eye Correction" from the edit menu.

REMOTE CAPTURE (WINDOWS/MAC)
Users can shoot and control select PowerShot cameras right from a computer. An intuitive interface clearly displays all functions

PHOTOSTITCH (WINDOWS/MAC)
Line up sequential images horizontally, vertically, or in 2x2 matrices to create seamless, ultra-high-resolution panoramic prints and posters.

DIRECT TRANSFER (WINDOWS/MAC)
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 computer, file transfers are as easy as pressing the Print/Share button. Multiple options will appear on the camera's LCD monitor, and even include creating new desktop wallpaper from a selected image.

System Requirements
(A CD-ROM drive is required for installing software):

[Windows®] OS: Microsoft Windows 98 (including Second Edition)/ SE/Me/2000 SP4/XP
Computer Model: Above OS pre-installed models with built-in USB ports
CPU: Pentium 150MHz or higher
Interface: USB

[Macintosh®] OS: Mac OS X (v. 10.2 – 10.4 or higher)
Computer Model: Above OS pre-installed models with built-in USB ports
CPU: Power PC G3, G4 or G5
Interface: USB

Software