

you can
Canon

PowerShot

DIGITAL STILL CAMERAS

The power of choice



CAPTURE EVERY *Smile*

Whether you're spending time with your loved ones, taking off on holiday, or climbing to the top of a mountain, keep a PowerShot by your side. When you need great results quickly, intelligent features take control, while advanced options give you the freedom to experiment. Wherever you go, capture every smile with a PowerShot.

Canon's mix of intuitive design, superior lens-making and user-friendly features runs through every camera in the PowerShot range. Intelligent and responsive technologies capture the power of the moment, producing images that match your memories.



Your choice

From beginner to expert, there's a PowerShot for everyone.

SERIOUS ABOUT PHOTOGRAPHY?

Take control with the compact PowerShot G9. The latest Canon imaging technology and RAW image recording combine with a variety of optional lenses and Speedlite flash accessories. Sure to inspire the photographer in you.

TAKING YOU CLOSER

Push your boundaries with the PowerShot S5 IS. A powerful 12x zoom lens with optical Image Stabilizer and advanced movie-making capabilities give you the flexibility to expand your creative limits. An outstanding all-around performer.

SUPER ZOOM FOR EVERYONE

Close-up is easy with the PowerShot SX100 IS. A remarkable 10x zoom lens with optical Image Stabilizer makes this compact, affordable camera the solution for photographers of any ability.

UNLOCK YOUR POTENTIAL

The PowerShot A-Series is a whole range of versatile digital cameras, offering everything from creative performance to take-anywhere simplicity. Compact and convenient, with both automatic and advanced features for a wide range of shooting conditions.





Technology that works with you

PowerShot cameras incorporate precision lenses, advanced technology and intelligent features to deliver brilliant results every time you shoot.

SPEED OF THOUGHT

DIGIC III Canon's DIGIC III image processor and iSAPS scene analysis are key to the rapid performance and accurate images of PowerShot cameras. No matter how quickly you have to shoot, your PowerShot makes ultra-fast calculations that get the best possible results.

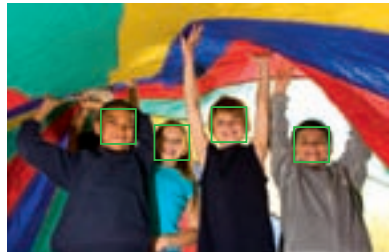
CRYSTAL CLEAR LENSES

The benefits of more than 60 years of lens-making heritage can be seen in every PowerShot image. Innovative materials keep lenses compact and deliver amazing clarity. Pioneering Canon-developed technologies like the optical Image Stabilizer (IS) and Ultrasonic Motor (USM)* offer further improvements in image quality and response times.

MEGAPIXELS FOR MEGA PHOTOS

The more megapixels you capture, the more you can do with your final image. PowerShot image sensors are built to give you flexibility - high megapixel counts mean you can create giant photo prints, enlarge tiny details, and crop your images with ease.

Face Detection AF/AE/FE/WB



PERFECT PORTRAITS

Face Detection Technology Capture faces as you remember seeing them, not blown out by the flash or hidden in the shadows. Face Detection Technology sets the focus, exposure, flash and white balance for natural-looking results. You can even select a face for your PowerShot to follow, and prioritise with Face Select & Track.*

GOODBYE BLUR

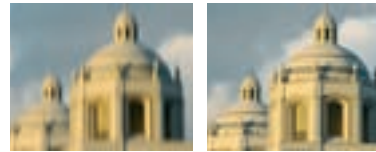
Motion Detection Technology Motion Detection Technology* intelligently adjusts the ISO for a blur-free image. Canon's own system uses information from Face Detection Technology, scene brightness and the optical Image Stabilizer* to identify your subject and detect camera or subject motion. ISO is always optimised for blur-reduction whilst maximizing image quality.



Without Motion Detection



With Motion Detection



Without IS

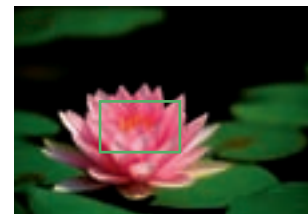
With IS

STEADY SHOOTING

OPTICAL IMAGE STABILIZER Sometimes it's impossible to hold your camera completely still. Canon's optical Image Stabilizer (IS)* technology detects camera shake and shifts a moving lens element to compensate for jitters, making sure that light hits the image sensor directly. IS eliminates the visible signs of shake, even in low light and when you're zoomed in close.

FLEXIBLE FOCUS

FlexiZone CONTROL AF/AE With FlexiZone AF/AE* you can manually choose to set the focus point anywhere in the frame. Exposure is weighted so even off-centre subjects are sharp and clear. Switch to the small size AF frame* to pick out tiny details as your point of focus.



FlexiZone AF/AE

LOW LIGHT? NO PROBLEM

ISO 1600 At higher ISO settings, your camera needs less light to capture a scene. ISO 1600 mode keeps you shooting in near-dark conditions or where flash is prohibited. High ISO Auto gives priority to shutter speed by increasing ISO, reducing the risk of blurred images.

RED-EYE CORRECTION

Red-eye Correction PowerShot cameras can get rid of unsightly flash effects without the need for a computer. Clever Red-Eye Correction technology removes red-eyes as you shoot, or in playback mode restoring natural-looking eyes.

* Available on selected models. See product specifications for details.





A mode for every moment

Canon PowerShot digital cameras feature a huge range of preset automatic and creative modes to help you get the most from every shot.



Av APERTURE PRIORITY
You choose the aperture and the camera selects a shutter speed. Controlling depth of field lets you decide what is in focus and what isn't.



KIDS & PETS makes it easy to capture fast-moving subjects.

SHOOTING MODES

Turn the mode dial to choose how you use your camera. Anything is possible, from fully automatic point-and-shoot to full manual control¹.

- AUTO
- EASY
- PORTRAIT
- LANDSCAPE
- NIGHT SCENE
- SPORTS
- STITCH ASSIST
- Av** APERTURE PRIORITY
- Tv** SHUTTER PRIORITY
- C** CUSTOM
- P** PROGRAM
- M** MANUAL
- MOVIE

SPECIAL SCENE MODES

For tricky shooting environments, your PowerShot camera has automatic preset modes to optimise camera settings. Just turn the mode dial to SCN and select a Special Scene mode¹.

- BEACH
- SUNSET
- INDOOR
- FIREWORKS
- UNDERWATER
- FOLIAGE
- SNOW
- KIDS & PETS
- NIGHT SNAPSHOT
- AQUARIUM
- COLOR ACCENT
- COLOR SWAP
- ISO 3200²



SUNSET
Presets exposure, white balance and no flash to capture the stunning light of sunset or sunrise.



MOVIE
Shoot super-smooth, VGA-quality movies with sound. In-camera editing gives you creative control and slow-motion playback highlights every precious moment. Choose Long Play mode for stronger compression that allows twice as much video to be stored on your memory card.



Sepia



Custom Color

COLOURS THAT CAPTIVATE

Add colour effects to images and movies while shooting with My Colors¹. Apply a sepia tone for that old-fashioned look, shoot cityscapes in stylish black and white, or make selected colours more vivid.

STITCH ASSIST¹ lets you create panoramic shots from multiple images. PhotoStitch software, supplied with your camera, joins images together seamlessly to create a single, stunning wide-format photo.



¹ Options vary per model. See product specifications for details.

² Recording pixels fixed at 1600 x 1200.

PowerShot G9



Imaging excellence

Achieve peak performance. Capturing an impressive 12.1 Megapixels with a 1/1.7" sensor, the PowerShot G9 is the perfect partner for advancing photographers. Flexible control, RAW image recording and a versatile range of accessories sets new standards in compact photography.

- 12.1 Megapixel 1/1.7" CCD sensor
- Canon 6x optical zoom with optical Image Stabilizer and SR coating
- RAW mode recording and enhanced RAW Image Task for total post-shoot control
- DIGIC III and iSAPS for fast response, superb image quality and advanced noise reduction
- Face Detection AF/AE/FE with Face Select and Track plus Red-Eye Correction in playback
- 9-point AiAF and FlexiZone AF/AE including AF frame-size selection
- 3.0" high-resolution PureColor LCD II
- ISO 1600 and Auto ISO Shift
- 25 shooting modes including full manual control and Time Lapse movies
- Optional lens and case accessories plus Canon EX Speedlite flash range¹ with wireless control

¹ See specifications for details.

PowerShot S5 IS



The power to excel – any time, anywhere

Featuring a 12x optical zoom lens with Image Stabilizer, Face Detection Technology and extensive movie options, the PowerShot S5 IS excels in any situation. Full manual functions and Speedlite flash compatibility give you complete shooting versatility.

- Canon 12x optical zoom with Image Stabilizer and fast Ultrasonic Motor and UD lens
- 8.0 Megapixels
- Extra long¹ VGA movies with Photo in Movie function and stereo sound
- DIGIC III and iSAPS for fast response, superb image quality and advanced Noise Reduction
- Face Detection AF/AE/FE for outstanding people shots plus Face Detection AF/AE in movies
- Red-Eye Correction in playback
- High ISO 1600 and Auto ISO Shift for flash-free indoor and low light shooting
- 2.5" high-resolution vari-angle LCD
- 22 shooting modes include full manual control, 0cm Super Macro and Custom
- Accessory system includes wide/tele/close-up lenses, lens hood and Canon Speedlite flash range²

¹ Depending on memory card used.

² See specifications for details.

PowerShot SX100 IS



- Canon 10x optical zoom with optical Image Stabilizer
- 8.0 Megapixels
- DIGIC III for lightning-fast response, outstanding image quality and advanced noise reduction
- Enhanced Face Detection Technology with Face Selector button and Red-Eye Correction in playback
- 2.5" wide-view LCD screen
- 18 shooting modes plus My Colors¹ photo effects
- Extra telephoto reach with Digital Tele-Converter & Safety Zoom
- Clear, simple button layout and control wheel for enhanced usability
- Optional high-power flash and ISO 1600 for low-light shooting
- Smooth VGA and Long Play movies with sound (30 fps)

¹ See specifications for details.

Close-up on great photos

Get in on the action with a remarkable 10x optical zoom lens. The compact and friendly PowerShot SX100 IS keeps your subject blur-free and in focus with enhanced Face Detection Technology and optical Image Stabilizer. Clear, simple controls make photography easy and flexible for the whole family.

PowerShot A650 IS



- 12.1 Megapixels (1/1.7" CCD)
- Canon 6x optical zoom with optical Image Stabilizer
- 2.5" vari-angle LCD for creative framing
- DIGIC III and iSAPS for fast response, superb image quality and advanced noise reduction
- Face Detection AF/AE/FE with Red-Eye Correction in playback
- 21 shooting modes including full manual control, plus My Colors¹ photo effects
- Auto ISO Shift and ISO 1600 for blur-free, low-light shooting
- Smooth VGA movies (30fps) plus new Long Play mode
- Accessory system includes wide/tele lenses, high-power flash and waterproof case
- Conveniently powered by AA batteries

¹ See specifications for details.

Explore new perspectives

Take your creative vision to a new level with the swivel-screen PowerShot A650 IS. Get stunning results with 12.1 Megapixels and a 6x optical zoom lens with optical Image Stabilizer, plus full manual control and add-on lens accessories to express your true creative vision.

PowerShot A720 IS



Experience the next level

With 8.0 Megapixels and a 6x optical zoom with Image Stabilizer, the PowerShot A720 IS packs a powerful punch into an affordable package. Explore your creative instincts with features that give you as much control as you want – like ISO 1600 to continue flash-free shooting even after dark.

- 8.0 Megapixels
- Canon 6x optical zoom with optical Image Stabilizer
- DIGIC III and iSAPS for lightning-fast response, superb image quality and advanced noise reduction
- Face Detection AF/AE/FE with built-in Red-Eye Correction in playback for great people shots
- 19 shooting modes including full manual control, plus My Colors¹ photo effects
- 2.5" LCD with wide viewing angle and real-image optical viewfinder
- Extra telephoto reach with Digital Tele-Converter & Safety Zoom
- ISO 1600 for blur-free, low-light shooting
- Smooth VGA movies (30 fps) plus new Long Play mode
- Accessory system includes wide/tele/close-up lenses, high-power flash and waterproof case

¹ See specifications for details.

PowerShot A590 IS



Creative photography made easy

The PowerShot A590 IS is the ideal digital camera for you to expand your creativity. Experiment with full manual control and a range of optional lens accessories, while a host of clever Canon technologies and features give your snapshots the edge.

- 8.0 Megapixels
- Canon 4x optical zoom with optical Image Stabilizer (IS)
- Motion Detection Technology, High ISO Auto and IS for the total anti-blur solution
- Enhanced Face Detection Technology with white balance control and Face Select & Track for great people shots
- Red-Eye Correction in shooting and playback
- Fast response times and superb image quality with DIGIC III and iSAPS technology
- Large 2.5" LCD screen and optical viewfinder
- Wide range of shooting modes include full Manual control and Easy mode
- 20fps VGA movies with Long Play mode for extended recording
- Optional accessories include wide/tele/close-up lenses and slave flash

PowerShot A580



- 8.0 Megapixels
- Canon 4x optical zoom
- Motion Detection Technology and High ISO Auto anti-blur solution
- Enhanced Face Detection Technology with white balance control and Face Select & Track for great people shots
- Red-Eye Correction in shooting and playback
- Fast response times and superb image quality with DIGIC III and iSAPS technology
- Large 2.5" LCD screen with optical viewfinder
- 16 shooting modes including Easy mode for ultra-simple operation
- 20fps VGA movies with Long Play mode for extended recording
- One-touch printing and uploading with Print/Share button and PictBridge compatibility
- Conveniently powered by AA batteries

Better photos, the easy way.

The PowerShot A580 makes it simple to take great photos with a host of automatic features, including Easy mode for the ultimate in hassle-free shooting. Enhanced Face Detection Technology lets you capture bright, sharp faces every time.

PowerShot A470



Point, shoot and share.

The PowerShot A470 offers a great value package without compromising on features. Available in four fun colours*, it's got everything your family needs to truly capture life's special moments. Simply point and shoot for great results.

- 7.1 Megapixels
- Canon 3.4x optical zoom
- 14 shooting modes including 10 easy-to-use Special Scene modes
- Large 2.5" LCD screen for easy viewing and sharing
- 4 attractive colour options*
- Motion Detection Technology and High ISO Auto anti-blur solution
- Enhanced Face Detection Technology with Face Select & Track and white balance control for great people shots
- Red-Eye Correction in shooting and playback
- Fast response times and superb image quality with DIGIC III and iSAPS technology
- 20fps VGA movies with Long Play mode for extended recording
- Conveniently powered by AA batteries

* Some colour variations may not be available in some regions.

Share your memories

Great photos deserve to be shared. Canon PowerShot digital cameras and software make it easier than ever to set your images free.



1 CONNECT
your camera directly to your printer



OR INSERT
the memory card

2 SELECT
the image you want



3 PRINT
your pictures in a variety of sizes

DIRECT PRINTING



Every PowerShot digital camera is PictBridge compliant, meaning you can connect directly to any compatible printer for a full-colour photo in seconds. All Canon SELPHY Compact Photo Printers and many of Canon's PIXMA Photo Printers support PictBridge. With a SELPHY CP Printer, you can also print ID photos and movie stills from your camera.

COMPREHENSIVE SOFTWARE AND ONLINE SHARING



With the image management software supplied by Canon, you can edit and organise your photos and movies¹ or create albums of your favourite images. CANON iMAGE GATEWAY² gives you 100MB of online space for sharing your creations with friends and family. You can also create themed photo albums, order photo prints, customise your camera and get hints and tips on how to improve your photography³.



¹ Upload of movie clips requires download and installation of the CANON iMAGE GATEWAY upload task.

² Not available in all regions.

³ Functions vary depending on camera model

Hand pick your accessories

Take your digital photography even further with a superb range of dedicated PowerShot optional accessories to help expand your photographic capabilities.



Wide Converter 0.7x
WC-DC58N²



Typical wide angle.



Get a better sense of space with a Wide Converter¹.



Tele Converter 1.75x
TC-DC52A²



Typical tele angle.



Close in on the action with a Tele Converter¹.



Close-up Lens
250D (58mm)²



Typical close-up.



Fill the frame with subject detail for greater impact with a Close-up Lens.

¹ Typical converter range shown.

² All lens accessories require a conversion lens adapter. Refer to the compatibility chart for details.



UNDERWATER ACCESSORIES

Dive right in. Specially designed waterproof cases¹ and weights protect your PowerShot camera for fascinating underwater photography. A preset Underwater scene mode² automatically optimizes camera settings for aquatic environments. Waterproof cases can also be handy on land to protect against snow, sand, dust and excess humidity.

POWER SUPPLY

Extra battery chargers, AC adapter kits and car battery chargers provide the ultimate in flexibility. Don't worry about running out of power. Take more photos, shoot more video and enjoy watching your images with others.

FLASH ACCESSORIES

Seriously powered and firing in sync with your camera's built-in flash without being connected, the High Power Flash HF-DC1 adds metres to your night range and opens the way for creative bounce flash, side and back fills. With the hot shoe mount on the PowerShot G9 and PowerShot S5 IS, you can explore Canon's Speedlite² Flash accessory range.

¹ Available on selected models. See specifications for details.

² Please refer to accessories chart for details.



Waterproof Case (40m)
WP-DC16



Waterproof Case (40m)
WP-DC18



Waterproof Case (40m)
WP-DC21



Waterproof Case Weight
WW-DC1



High Power Flash
HF-DC1



PowerShot G9 with
Speedlite 220EX

POWERSHOT ACCESSORIES COMPATIBILITY	G9	S5 IS	SX100 IS	A650 IS	A720 IS	A590 IS	A580	A470
WATERPROOF CASES								
Waterproof Case WP-DC16 (waterproof to 40m)					●			
Waterproof Case WP-DC18 (waterproof to 40m)				●				
Waterproof Case WP-DC21 (waterproof to 40m)	●							
Waterproof Case Weight WW-DC1	●			●	●			
SOFT CASES								
Soft Case DCC-80					●	●	●	
Soft Case DCC-90		●						
Soft Case DCC-450								●
Soft Case DCC-600	●							
Soft Case DCC-700			●	●				
CONVERSION LENSES								
Wide Converter WC-DC52						●		
Wide Converter WC-DC58A		●						
Wide Converter WC-DC58B	●			●				
Wide Converter WC-DC58N					●			
Tele Converter TC-DC52A						●		
Tele Converter TC-DC58B		●						
Tele Converter TC-DC58C	●			●				
Tele Converter TC-DC58N					●			
Close-up Lens 250D (52mm)						●		
Close-up Lens 250D (58mm)					●			
Close-up Lens 500D (58mm)		●						
Conversion Lens Adapter LA-DC52G						●		
Conversion Lens Adapter LA-DC58G					●			
Conversion Lens Adapter LA-DC58H	●							
Conversion Lens Adapter LA-DC58J				●				
Conversion Lens Adapter LAH-DC20		●						
FLASH								
High Power Flash HF-DC1	●	●	●	●	●	●	●	●
Speedlite 580EX*, 430EX, 220EX	●	●						
Wireless Flash Unit ST-E2	●							
POWER SUPPLY								
Car Battery Charger CBC-NB2	●							
Charger Kit CBK4-300		●	●	●	●	●	●	●
AC Adapter Kit ACK-DC20	●							
AC Adapter Kit ACK600				●				
AC Adapter Kit ACK800					●	●	●	●
AC Adapter Kit CA-PS700		●						

*Not all functions supported.



Specifications

PowerShot G9**PowerShot S5 IS**

IMAGE SENSOR Type Effective Pixels Colour Filter Type	1/1.7" CCD Approx. 12.1M Primary Colour	1/2.5" CCD Approx. 8.0M Primary Colour
IMAGE PROCESSOR	DIGIC III with iAPDS technology	DIGIC III with iAPDS technology
LENS Focal Length Zoom Maximum f/number Construction Image Stabilisation Ultrasonic Motor (USM)	7.4 - 44.4mm (35mm equivalent: 35 - 210mm) Optical 6x. Digital approx. 4x (with Digital Tele-Converter approx. 1.5x or 2.0x and Safety Zoom ¹⁾): Combined approx. 24x f/2.8 - f/4.8 9 elements in 7 groups (1 double-sided aspherical element) YES (shift-type) -	6.0 - 72.0mm (35mm equivalent: 36 - 432mm) Optical 12x. Digital approx. 4x (with Digital Tele-Converter approx. 1.6x or 2.0x and Safety Zoom ¹⁾): Combined approx. 48x f/2.7 - f/3.5 11 elements in 9 groups (1 aspherical element, 1 UD element) YES (shift-type) YES, zoom
FOCUSING Type AF System/Points AF Modes AF Point Selection AF Lock AF Assist Beam Manual Focus Focus Bracketing Closest Focusing Distance	TTL AiAF (Face Detection/9-point), 1-point AF (Any position is available, fixed centre or Face Select and Track) Single, Continuous Manual selection using FlexiZone AF/AE, Size (Normal, Small) On/Off Selectable YES YES YES 1cm (W) from front of lens in Macro	TTL Face Detection, 1-point AF (Any position is available or fixed centre) Single, Continuous Manual selection using FlexiZone AF/AE On/Off Selectable YES YES YES 0cm (W) from front of lens in Super Macro
EXPOSURE CONTROL Metering Modes AE Lock Exposure Compensation AEB ISO sensitivity ²⁾	Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (centre or linked to Face Detection AF or FlexiZone AF frame) YES +/- 2 EV in 1/3 stop increments 1/3 - 2 EV in 1/3 stop increments AUTO, High ISO Auto, 80, 100, 200, 400, 800, 1600	Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (centre or linked to Face Detection AF or FlexiZone AF frame) YES +/- 2 EV in 1/3 stop increments 1/3 - 2 EV in 1/3 stop increments AUTO, High ISO Auto, 80, 100, 200, 400, 800, 1600
SHUTTER Speed	1/60 - 1/2,500 sec. (factory default) 15 - 1/2,500 sec. (total range - varies by shooting mode)	1/60 - 1/3,200 sec. (factory default) 15 - 1/3,200 sec. (total range - varies by shooting mode)
WHITE BALANCE Type Settings	TTL Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Flash, Underwater, Custom 1, Custom 2	TTL Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Flash, Custom
VIEWFINDER Viewfinder Dioptre Correction	Real-image zoom, optical viewfinder YES	EVF (0.33" type), approx. 115,000 dots YES
LCD MONITOR Monitor Coverage Brightness	3.0" PureColor LCD II (TFT), approx. 230,000 dots 100% Adjustable to one of fifteen levels	Vari-angle 2.5" TFT, approx. 207,000 dots 100% Adjustable to one of two levels
FLASH Modes Slow Sync Speed Red-Eye Reduction Flash Exposure Compensation Flash Exposure Lock Manual Power Adjustment Second Curtain Synchronisation Built-in Flash Range External Flash	Auto, Manual Flash On/Off YES YES +/- 2 EV in 1/3 stop increments, Face Detection FE, Safety FE YES 3 levels with internal flash (19 levels with external EX Speedlites ³⁾ YES 30cm - 4.0m (W) / 2.5m (T) E-TTL with EX series Speedlites ³⁾ , Canon High Power Flash HF-DC1	Auto, Manual Flash On/Off YES YES +/- 2 EV in 1/3 stop increments, Face Detection FE, Safety FE YES 3 levels with internal flash (19 levels with external EX Speedlites ³⁾ YES 50cm - 5.2m (W) / 90cm - 4.0m (T) E-TTL with EX series Speedlites ³⁾ , Canon High Power Flash HF-DC1
SHOOTING Modes Photo Effects Drive Modes Continuous Shooting	Auto, Program AE, Shutter priority AE, Aperture priority AE, Manual, Custom (2 modes), Stitch Assist, Movie, Special Scene (Portrait, Landscape, Night Scene, Sports, Night Snapshot, Kids & Pets, Indoor, Foliage, Snow, Beach, Fireworks, Aquarium, Underwater, ISO 3200 ⁴⁾ , Color Accent, Color Swap) My Colors (My Colors Off, Vivid, Neutral, Sepia, Black & White, Positive Film, Lighter Skin Tone, Darker Skin Tone, Vivid Blue, Vivid Green, Vivid Red, Custom Color) Single, Continuous, Self-Timer Approx. 1.5 shots/sec. ⁵⁾ , AF: Approx. 0.7 shots/sec. ⁶⁾ , LV: Approx. 0.8 shots/sec. ⁶⁾ (until memory card becomes full) ⁷⁾	Auto, Program AE, Shutter priority AE, Aperture priority AE, Manual, Custom, Portrait, Landscape, Night Snapshot, Sports, Stitch Assist, Movie, Special Scene (Indoor, Night Scene, Foliage, Snow, Beach, Fireworks, Aquarium, Color Accent, Color Swap), Super Macro My Colors (My Colors Off, Vivid, Neutral, Sepia, Black & White, Positive Film, Lighter Skin Tone, Darker Skin Tone, Vivid Blue, Vivid Green, Vivid Red, Custom Color) Single, Continuous, Self-Timer Approx. 1.5 shots/sec. ⁵⁾ (until memory card becomes full) ⁷⁾ , AF/LV: Approx. 0.9 shots/sec. ⁶⁾ (until memory card becomes full) ⁷⁾

Specifications

PowerShot SX100 IS**PowerShot A650 IS**

IMAGE SENSOR Type Effective Pixels Colour Filter Type	1/2.5" CCD Approx. 8.0M Primary Colour	1/1.7" CCD Approx. 12.1M Primary Colour
IMAGE PROCESSOR	DIGIC III with iAPDS technology	DIGIC III with iAPDS technology
LENS Focal Length Zoom Maximum f/number Construction Image Stabilisation Ultrasonic Motor (USM)	6.0 - 60.0mm (35mm equivalent: 36 - 360mm) Optical 10x. Digital approx. 4x (with Digital Tele-Converter approx. 1.6x or 2.0x and Safety Zoom ¹⁾): Combined approx. 40x f/2.8 - f/4.3 10 elements in 9 groups (1 aspherical element) YES (shift-type) -	7.4 - 44.4mm (35mm equivalent: 35 - 210mm) Optical 6x. Digital approx. 4x (with Digital Tele-Converter approx. 1.5x or 2.0x and Safety Zoom ¹⁾): Combined approx. 24x f/2.8 - f/4.8 9 elements in 7 groups (including 1 double-sided aspherical element) YES (shift-type) -
FOCUSING Type AF System/Points AF Modes AF Point Selection AF Lock AF Assist Beam Manual Focus Focus Bracketing Closest Focusing Distance	TTL Face Detection, 1-point AF (fixed to centre or Face Select and Track) - AF Modes AF Point Selection AF Lock AF Assist Beam Manual Focus Focus Bracketing Closest Focusing Distance 1cm (W) from front of lens in Macro	TTL AiAF (Face Detection/9-point), 1-point AF (Any position is available or fixed centre) - Manual selection using FlexiZone AF/AE, Size (Normal, Small) On/Off Selectable YES YES - 1cm (W) from front of lens in Macro
EXPOSURE CONTROL Metering Modes AE Lock Exposure Compensation AEB ISO sensitivity ²⁾	Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (Centre) On/Off Selectable +/- 2 EV in 1/3 stop increments - AUTO, High ISO Auto, 80, 100, 200, 400, 800, 1600	Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (centre or linked to Face Detection AF or FlexiZone AF frame) On/Off Selectable +/- 2 EV in 1/3 stop increments - AUTO, High ISO Auto, 80, 100, 200, 400, 800, 1600
SHUTTER Speed	1/60 - 1/2,500 sec. (factory default) 15 - 1/2,500 sec. (total range - varies by shooting mode)	1/60 - 1/2,000 sec. (factory default) 15 - 1/2,000 sec. (total range - varies by shooting mode)
WHITE BALANCE Type Settings	TTL Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom	TTL Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Underwater, Custom
VIEWFINDER Viewfinder Dioptre Correction	- -	Real-image zoom, optical viewfinder -
LCD MONITOR Monitor Coverage Brightness	2.5" TFT, approx. 172,000 dots 100% Adjustable to one of fifteen levels	Vari-angle 2.5" TFT, approx. 173,000 dots 100% -
FLASH Modes Slow Sync Speed Red-Eye Reduction Flash Exposure Compensation Flash Exposure Lock Manual Power Adjustment Second Curtain Synchronisation Built-in Flash Range External Flash	Auto, Manual Flash On/Off YES YES +/- 2 EV in 1/3 stop increments, Face Detection FE, Safety FE YES 3 levels with internal flash - YES 50cm - 3.0m (W)/50cm - 2.0m (T) Canon High Power Flash HF-DC1	Auto, Manual Flash On/Off YES YES +/- 2 EV in 1/3 stop increments, Face Detection FE, Safety FE YES - YES 50cm - 3.5m (W)/2.0m (T) Canon High Power Flash HF-DC1
SHOOTING Modes Photo Effects Drive Modes Continuous Shooting	Auto, Program AE, Shutter priority AE, Aperture priority AE, Manual, Portrait, Landscape, Night Snapshot, Kids & Pets, Special Scene (Night Scene, Indoor, Foliage, Snow, Beach, Fireworks, Aquarium), Stitch Assist, Movie My Colors (My Colors Off, Vivid, Neutral, Sepia, Black & White, Custom Color (Limited)) Single, Continuous, Self-Timer Approx. 1.3 shots/sec. ⁵⁾ AF/LV: Approx. 0.8 shots/sec. ⁶⁾ (until memory card becomes full) ⁷⁾	Auto, Program AE, Shutter priority AE, Aperture priority AE, Manual, Custom, Portrait, Landscape, Night Snapshot, Kids & Pets, Stitch Assist, Movie, Special Scene (Night Scene, Indoor, Foliage, Snow, Beach, Fireworks, Aquarium), Stitch Assist, Movie My Colors (My Colors Off, Vivid, Neutral, Sepia, Black & White, Custom Color (limited)) Single, Continuous, Self-Timer Approx. 1.2 shots/sec. ⁵⁾ (until memory card becomes full) ⁷⁾

Specifications

PowerShot G9

PowerShot S5 IS

RECORDING PIXELS/COMPRESSION		
Image Size	(L)4000 x 3000, (M1)3264 x 2448, (M2)2592 x 1944, (M3)1600 x 1200, (S)640 x 480, (W)4000 x 2248. Resize in playback (M3, S, 320 x 240)	(L)3264 x 2448, (M1)2592 x 1944, (M2)2048 x 1536, (M3)1600 x 1200, (S)640 x 480, (W)3264 x 1832
Compression	Superfine, Fine, Normal	Superfine, Fine, Normal
Movies	(L1)1024 x 768, 15 fps, (L2)640 x 480, 30 fps, (LP)640 x 480, 30 fps (M)320 x 240, 30 fps, (S)160 x 120, 15 fps (Time Lapse)	(L)640 x 480, 30 fps, (LP)640 x 480, 30 fps, (M)320 x 240, 60/30 fps
Movie Length	640 x 480, 0.5/1 fps (Playback 15 fps) Up to 4GB or 1 hour (L1, L2 and M) ¹ Up to 3 mins (S) ¹ Up to 120 mins (Time Lapse) ¹	Up to 4GB or 1 hour ¹
FILE TYPES		
Still Image Type	JPEG compression, (Exif2.2 [Exif Print] compliant)/Design rule for Camera File system, RAW, Digital Print Order Format [DPOF] Version 1.1 compliant	JPEG compression, (Exif2.2 [Exif Print] compliant)/Design rule for Camera File system, Digital Print Order Format [DPOF] Version 1.1 compliant
Movies	AVI [Motion JPEG compression + WAVE (monaural)]	AVI [Motion JPEG compression + WAVE (stereo)]
Sound Files	WAVE (monaural)	WAVE (stereo)
DIRECT PRINT		
Canon Printers	Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge (ID Photo Print, Fixed Size Print and Movie Print supported on SELPHY CP & ES printers only)	Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge (ID Photo Print, Fixed Size Print and Movie Print supported on SELPHY CP & ES printers only)
PictBridge	YES	YES
OTHER FEATURES		
Red-Eye Correction	YES, in playback	YES, in playback
My Camera	Start-up image and camera sounds customisation	Start-up image and camera sounds customisation
My Category	Image tagging feature	Image tagging feature
Sound Memo	Up to 60 sec. per image	Up to 60 sec. per image
Intelligent Orientation Sensor	YES	YES
Histogram	YES, live histogram	YES, live histogram
Playback zoom	Approx. 2x - 10x	Approx. 2x - 10x
Self-Timer	Approx. 2 or 10 sec. or Custom	Approx. 2 or 10 sec. or Custom
Menu Languages	25 languages	25 languages
INTERFACE		
Computer	Hi-Speed USB (Mini-B, MTP, PTP)	Hi-Speed USB (Mini-B, MTP, PTP)
Other	A/V output (PAL/NTSC)	A/V output (PAL/NTSC)
MEMORY CARD		
Type	SD, SDHC, MMC, MMCplus, HC MMCplus, 32MB memory card supplied	SD, SDHC, MMC, 32MB memory card supplied
SUPPORTED OPERATING SYSTEM		
PC & Macintosh	Windows 2000 SP4/XP SP2/Vista Mac OS X v10.3 - 10.4	Windows 2000 SP4/XP/XPSP1-2/Vista Mac OS X v10.3 - 10.4
SOFTWARE		
Browsing & Printing	ZoomBrowser EX/ImageBrowser	ZoomBrowser EX/ImageBrowser
Other	PhotoStitch, RemoteCapture	PhotoStitch, RemoteCapture
Drivers	TWAIN (2000)	TWAIN (2000)
POWER SOURCE		
Batteries	Rechargeable Li-ion Battery NB-2LH/NB-2L (NB-2LH battery and charger supplied) Approx. 240 shots ⁵ Approx. 420 min. playback	4x Size-AA Alkaline or NiMH Batteries (NB4-300) (Alkalines supplied) Approx. 170 shots ⁵ (with supplied batteries) Approx. 450 shots (with optional Canon NB4-300 batteries) ⁶ Approx. 720 min. playback (with supplied batteries) Approx. 900 min. playback (with Canon NB4-300 batteries)
Battery life		
A/C Power Supply	Optional, AC Adapter Kit ACK-DC20	Optional, AC Adapter CA-PS700
ACCESSORIES	Please see accessories page inside brochure	Please see accessories page inside brochure
PHYSICAL SPECIFICATIONS		
Operating Environment	0 - 40°C, 10 - 90% humidity	0 - 40°C, 10 - 90% humidity
Dimensions (WxHxD)	106.4 x 71.9 x 42.5mm (excluding protrusions)	117.0 x 80.0 x 77.7mm (excluding viewfinder-eyepiece & protrusions)
Weight (body only)	Approx. 320g	Approx. 450g

1 Depending on the image size selected
2 Digital zoom available for still image and standard movie modes only. Optical zoom may not be available during movie recording

3 Standard Output Sensitivity / Recommended Exposure Index. According to ISO 12232:2006 (20.04.2006) which specifies the method for assigning and reporting ISO speed ratings for digital still cameras
4 Not all functions of the flash are supported

5 Recording pixels fixed at 1600 x 1200
6 Under conditions where the flash does not fire
7 Depending on memory card speed/capacity
8 Using the batteries and memory card format supplied with the camera, except where indicated

Specifications

PowerShot SX100 IS

PowerShot A650 IS

RECORDING PIXELS/COMPRESSION		
Image Size	(L)3264 x 2448, (M1)2592 x 1944, (M2)2048 x 1536, (M3, Postcard Date Imprint) 1600 x 1200, (S)640 x 480, (W)3264 x 1832. Resize in playback (M3, S, 320 x 240)	(L)4000 x 3000, (M1)3264 x 2448, (M2)2592 x 1944, (M3, Postcard Date Imprint) 1600 x 1200, (S)640 x 480, (W)4000 x 2248. Resize in playback (M3, S, 320 x 240)
Compression	Superfine, Fine, Normal	Superfine, Fine, Normal
Movies	(L)640 x 480, 30 fps, (LP)640 x 480, 30 fps, (M)320 x 240, 30 fps (S)160 x 120, 15 fps	(L)640 x 480, 30 fps/30 fps (LP) (M)320 x 240, 30 fps (S)160 x 120, 15 fps
Movie Length	Up to 4GB or 1 hour (L, LP, M) ¹ Up to 3 mins (S) ¹	Up to 4GB or 1 hour (L and M) ¹ Up to 3 mins (S) ¹
FILE TYPES		
Still Image Type	JPEG compression, (Exif2.2 [Exif Print] compliant)/Design rule for Camera File system, Digital Print Order Format [DPOF] Version 1.1 compliant	JPEG compression, (Exif2.2 [Exif Print] compliant)/Design rule for Camera File system, Digital Print Order Format [DPOF] Version 1.1 compliant
Movies	AVI [Motion JPEG compression + WAVE (monaural)]	AVI [Motion JPEG compression + WAVE (monaural)]
Sound Files	WAVE (monaural)	WAVE (monaural)
DIRECT PRINT		
Canon Printers	Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge (ID Photo Print, Fixed Size Print and Movie Print supported on SELPHY CP & ES printers only)	Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge (ID Photo Print, Fixed Size Print and Movie Print supported on SELPHY CP & ES printers only)
PictBridge	YES	YES
OTHER FEATURES		
Red-Eye Correction	YES, in playback	YES, in playback
My Camera	Start-up image and camera sounds customisation (Pre-Installed items only)	Start-up image and camera sounds customisation (Pre-Installed items only)
My Category	-	-
Sound Memo	Up to 60 sec. per image	Up to 60 sec. per image
Intelligent Orientation Sensor	YES	YES
Histogram	YES	YES
Playback zoom	Approx. 2x - 10x	Approx. 2x - 10x
Self-Timer	Approx. 2 or 10 sec. or Custom	Approx. 2 or 10 sec. or Custom
Menu Languages	25 languages	25 languages
INTERFACE		
Computer	Hi-Speed USB (Mini-B, MTP, PTP)	Hi-Speed USB (Mini-B, MTP, PTP)
Other	A/V output (PAL/NTSC)	A/V output (PAL/NTSC)
MEMORY CARD		
Type	SD, SDHC, MMC, MMCplus, HC MMCplus, 32MB memory card supplied	SD, SDHC, MMC, MMCplus, HC MMCplus, 32MB memory card supplied
SUPPORTED OPERATING SYSTEM		
PC & Macintosh	Windows 2000 SP4/XP SP2/Vista Mac OS X v10.3 - 10.4	Windows 2000 SP4/XP SP2/Vista Mac OS X v10.3 - 10.4
SOFTWARE		
Browsing & Printing	ZoomBrowser EX/ImageBrowser	ZoomBrowser EX/ImageBrowser
Other	PhotoStitch, RemoteCapture	PhotoStitch, RemoteCapture
Drivers	TWAIN (2000)	TWAIN (2000)
POWER SOURCE		
Batteries	2x Size-AA Alkaline or NiMH Batteries (NB4-300) (Alkalines supplied) Approx. 140 shots ⁵ (with supplied batteries) Approx. 400 shots (with optional Canon NB4-300 batteries) ⁶ Approx. 420 min. playback (with supplied batteries) Approx. 600 min. playback (with Canon NB4-300 batteries)	4x Size-AA Alkaline or NiMH Batteries (NB4-300) (Alkalines supplied) Approx. 300 shots ⁵ (with supplied batteries) Approx. 500 shots (with optional Canon NB-3AH batteries) ⁶ Approx. 1080 min. playback (with supplied batteries) Approx. 1140 min. playback (with Canon NB-3AH batteries)
Battery life		
A/C Power Supply	Optional, AC Adapter Kit ACK800	Optional, AC Adapter Kit ACK600
ACCESSORIES	Please see accessories page inside brochure	Please see accessories page inside brochure
PHYSICAL SPECIFICATIONS		
Operating Environment	0 - 40°C, 10 - 90% humidity	0 - 40°C, 10 - 90% humidity
Dimensions (WxHxD)	108.7 x 71.4 x 46.7mm (excluding protrusions)	112.1 x 67.8 x 56.2mm (excluding protrusions)
Weight (body only)	Approx. 266g	Approx. 300g

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Specifications

PowerShot A720 IS**PowerShot A590 IS**

IMAGE SENSOR Type Effective Pixels Colour Filter Type	1/2.5" CCD Approx. 8.0M Primary Colour	1/2.5" CCD Approx. 8.0M Primary Colour
IMAGE PROCESSOR	DIGIC III with iAPDS technology	DIGIC III with iAPDS technology
LENS Focal Length Zoom Maximum f/number Construction Image Stabilisation Ultrasonic Motor (USM)	5.8 - 34.8mm (35mm equivalent: 35 - 210mm) Optical 6x. Digital approx. 4x. (with Digital Tele-Converter approx. 1.6x or 2.0x and Safety Zoom ¹⁾): Combined approx. 24x f/2.8 - f/4.8 9 elements in 7 groups (including 1 double-sided aspherical element) YES (shift-type) -	5.8 - 23.2 mm (35mm equivalent: 35 - 140mm) Optical 4x. Digital approx. 4x ²⁾ (with Digital Tele-Converter approx. 1.6x or 2.0x and Safety Zoom ¹⁾): Combined approx. 16x f/2.6 - f/5.5 7 elements in 5 groups (2 aspherical elements) YES (shift-type) -
FOCUSING Type AF System/Points AF Point Selection AF Lock AF Assist Beam Manual Focus Focus Bracketing Closest Focusing Distance	TTL AiAF (Face Detection/9-point), 1-point AF (Any position is available or fixed centre) Manual selection using FlexiZone AF/AE, Size (Normal, Small) On/Off Selectable YES YES -	TTL AiAF (Face Detection/9-point), 1-point AF (fixed to centre or Face Select and Track) - On/Off Selectable YES YES -
EXPOSURE CONTROL Metering Modes AE Lock Exposure Compensation AEB ISO sensitivity ³⁾	Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (centre or linked to Face Detection AF or FlexiZone AF frame) On/Off Selectable +/- 2 EV in 1/3 stop increments - AUTO, High ISO Auto, 80, 100, 200, 400, 800, 1600	Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (centre) Locked when shutter button is pressed half way +/- 2 EV in 1/3 stop increments - AUTO, High ISO Auto (incorporating Motion Detection Technology), 80, 100, 200, 400, 800, 1600
SHUTTER Speed	1/60 - 1/2,000 sec. (factory default) 15 - 1/2,000 sec. (total range - varies by shooting mode)	1/60 - 1/2,000 sec. (factory default) 15 - 1/2,000 sec. (total range - varies by shooting mode)
WHITE BALANCE Type Settings	TTL Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Underwater, Custom	TTL Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom
VIEWFINDER Viewfinder Dioptre Correction	Real-image zoom, optical viewfinder -	Real-image zoom, optical viewfinder -
LCD MONITOR Monitor Coverage Brightness	2.5" TFT, approx. 115,000 dots 100% -	2.5" TFT, approx. 115,000 dots 100% -
FLASH Modes Slow Sync Speed Red-Eye Reduction Flash Exposure Compensation Flash Exposure Lock Manual Power Adjustment Second Curtain Synchronisation Built-in Flash Range External Flash	Auto, Manual Flash On/Off - YES YES +/- 2 EV in 1/3 stop increments, Face Detection FE, Safety FE YES - YES 30cm - 3.5m (W)/55cm - 2.5m (T) Canon High Power Flash HF-DC1	Auto, Manual Flash On/Off - YES YES +/- 2 EV in 1/3 stop increments, Face Detection FE, Safety FE YES 3 levels with internal flash - 30cm - 3.5m (W)/2.2m (T) Canon High Power Flash HF-DC1
SHOOTING Modes Photo Effects Drive Modes Continuous Shooting	Auto, Program AE, Shutter priority AE, Aperture priority AE, Manual, Portrait, Landscape, Night Snapshot, Kids & Pets, Indoor, Stitch Assist, Movie, Special Scene (Night Scene, Foliage, Snow, Beach, Fireworks, Aquarium, Underwater) My Colors (My Colors Off, Vivid, Neutral, Sepia, Black & White, Custom Color (limited)) - Single, Continuous, Self-Timer Approx. 1.3 shots/sec. ⁴⁾ (until memory card becomes full) ⁵⁾	Auto, Program AE, Shutter priority AE, Aperture priority AE, Manual, Easy, Portrait, Landscape, Night Snapshot, Kids & Pets, Indoor, Movie, Special Scene (Night Scene, Sunset, Foliage, Snow, Beach, Fireworks, Aquarium) My Colors (My Colors Off, Vivid, Neutral, Sepia, Black & White, Custom Color (limited)) - Single, Continuous, Self-Timer Approx. 1.4 shots/sec. ⁴⁾ (until memory card becomes full) ⁵⁾

Specifications

PowerShot A580**PowerShot A470**

IMAGE SENSOR Type Effective Pixels Colour Filter Type	1/2.5" CCD Approx. 8.0M Primary Colour	1/2.5" CCD Approx. 7.1M Primary Colour
IMAGE PROCESSOR	DIGIC III with iAPDS technology	DIGIC III with iAPDS technology
LENS Focal Length Zoom Maximum f/number Construction Image Stabilisation Ultrasonic Motor (USM)	5.8 - 23.2 mm (35mm equivalent: 35 - 140mm) Optical 4x. Digital approx. 4x ²⁾ (with Digital Tele-Converter approx. 1.6x or 2.0x and Safety Zoom ¹⁾): Combined approx. 16x f/2.6 - f/5.5 7 elements in 5 groups (2 aspherical elements) - -	6.3 - 21.6 mm (35mm equivalent: 38 - 132mm) Optical 3.4x. Digital approx. 4x ²⁾ (with Digital Tele-Converter approx. 1.5x or 1.9x and Safety Zoom ¹⁾): Combined approx. 14x f/3.0 - f/5.8 7 elements in 6 groups (1 aspherical element) - -
FOCUSING Type AF System/Points AF Point Selection AF Lock AF Assist Beam Manual Focus Focus Bracketing Closest Focusing Distance	TTL AiAF (Face Detection/9-point), 1-point AF (fixed to centre or Face Select and Track) - AF Point Selection AF Lock AF Assist Beam Manual Focus Focus Bracketing Closest Focusing Distance	TTL AiAF (Face Detection/9-point), 1-point AF (fixed centre or Face Select and Track) - Locked when shutter button is pressed halfway YES - - 1cm (W) from front of lens in Super Macro
EXPOSURE CONTROL Metering Modes AE Lock Exposure Compensation AEB ISO sensitivity ³⁾	Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (centre) Locked when shutter button is pressed half way +/- 2 EV in 1/3 stop increments - AUTO, High ISO Auto (incorporating Motion Detection Technology), 80, 100, 200, 400, 800, 1600	Evaluative (linked to Face Detection AF frame), Centre-weighted average, Spot (centre) Locked when shutter button is pressed half way +/- 2 EV in 1/3 stop increments - AUTO, High ISO Auto (incorporating Motion Detection Technology), 80, 100, 200, 400, 800, 1600
SHUTTER Speed	1/60 - 1/2,000 sec. (factory default) 15 - 1/2,000 sec. (total range - varies by shooting mode)	1/60 - 1/2,000 sec. (factory default) 15 - 1/2,000 sec. (total range - varies by shooting mode)
WHITE BALANCE Type Settings	TTL Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom	TTL Auto (including Face Detection WB), Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom
VIEWFINDER Viewfinder Dioptre Correction	Real-image zoom, optical viewfinder -	- -
LCD MONITOR Monitor Coverage Brightness	2.5" TFT, approx. 115,000 dots 100% -	2.5" TFT, approx. 115,000 dots 100% -
FLASH Modes Slow Sync Speed Red-Eye Reduction Flash Exposure Compensation Flash Exposure Lock Manual Power Adjustment Second Curtain Synchronisation Built-in Flash Range External Flash	Auto, Manual Flash On/Off - YES YES Face Detection FE - YES - - 30cm - 3.5m (W)/2.2m (T) Canon High Power Flash HF-DC1	Auto, Manual Flash On/Off YES YES Face Detection FE - - - 30cm - 3.0m (W)/2.0m (T) Canon High Power Flash HF-DC1
SHOOTING Modes Photo Effects Drive Modes Continuous Shooting	Auto, Manual, Easy, Portrait, Landscape, Night Snapshot, Indoor, Kids & Pets, Movie, Special Scene (Sunset, Foliage, Snow, Beach, Fireworks, Night Scene, Aquarium) My Colors (My Colors Off, Vivid, Neutral, Sepia, Black & White, Custom Color (limited)) - Single, Self-Timer Approx. 1.4 shots/sec. ⁴⁾ (until memory card becomes full) ⁵⁾	Auto, Manual, Super Macro, Movie, Special Scene (Portrait, Night Snapshot, Kids & Pets, Indoor, Sunset, Foliage, Snow, Beach, Fireworks, Aquarium) My Colors (My Colors Off, Vivid, Neutral, Sepia, Black & White, Custom Color (limited)) - Single, Self-Timer Approx. 1.9 shots/sec. ⁴⁾ (until the memory card is full) ⁵⁾

Specifications

PowerShot A720 IS

PowerShot A590 IS

RECORDING PIXELS/COMPRESSION		
Image Size	(L)3264x2448, (M1)2592x1944, (M2)2048x1536, (M3, Postcard Date Imprint) 1600x1200, (S)640x480, (W)3264x1832. Resize in playback (M3, S, 320x240)	(L) 3264x2448, (M1) 2592x1944, (M2) 2048x1536, (M3, Date Stamp) 1600x1200, (S) 640x480, (W) 3264x1832. Resize in playback (M3, S, 320x240)
Compression	Superfine, Fine, Normal	Superfine, Fine, Normal
Movies	(L)640x480, 30 fps/30 fps(LP) (M)320x240, 30 fps	(L)640x480, 20fps/20fps(LP) (M)320x240, 30fps
Movie Length	(S)160x120, 15 fps Up to 4GB or 1 hour (L and M) Up to 3 mins (S) ⁷	(S)160x120, 15fps Up to 4GB or 1 hour (L and M) ⁷ Up to 3 mins (S) ⁷
FILE TYPES		
Still Image Type	JPEG compression, (Exif 2.2 [Exif Print] compliant)/Design rule for Camera File system, Digital Print Order Format [DPOF] Version 1.1 compliant	JPEG compression, (Exif 2.2 [Exif Print] compliant)/Design rule for Camera File system, Digital Print Order Format [DPOF] Version 1.1 compliant
Movies	AVI [Motion JPEG compression + WAVE (monaural)]	AVI [Motion JPEG compression + WAVE (monaural)]
Sound Files	WAVE (monaural)	WAVE (monaural)
DIRECT PRINT		
Canon Printers	Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge (ID Photo Print, Fixed Size Print and Movie Print supported on SELPHY CP & ES printers only)	Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge (ID Photo Print, Fixed Size Print and Movie Print supported on SELPHY CP & ES printers only)
PictBridge	YES	YES
OTHER FEATURES		
Red-Eye Correction	YES, in playback	YES, during shooting and playback
Start-up image and camera sounds customisation (Pre-Installed items only)	My Camera	-
My Category	-	Image tagging feature
Sound Memo	Up to 60 sec. per image	Up to 60 sec. per image
Intelligent Orientation Sensor	YES	YES
Histogram	YES	YES
Playback zoom	Approx. 2x - 10x	Approx. 2x - 10x
Self-Timer	Approx. 2 or 10 sec. or Custom	Approx. 2 or 10 sec. or Custom
Menu Languages	25 languages	25 languages
INTERFACE		
Computer	Hi-Speed USB (Mini-B, MTP, PTP)	Hi-Speed USB (Mini-B, MTP, PTP)
Other	A/V output (PAL/NTSC)	A/V output (PAL/NTSC)
MEMORY CARD		
Type	SD, SDHC, MMC, MMCplus, HC MMCplus, 16MB memory card supplied	SD, SDHC, MMC, MMCplus, HC MMCplus, 32MB memory card supplied
SUPPORTED OPERATING SYSTEM		
PC & Macintosh	Windows 2000 SP4/XP SP2/Vista Mac OS X v10.3 - 10.4	Windows 2000 SP4/XP SP2/Vista Mac OS X v10.3 - 10.4
SOFTWARE		
Browsing & Printing	ZoomBrowser EX/ImageBrowser	ZoomBrowser EX/ImageBrowser
Other	PhotoStitch	PhotoStitch
Drivers	TWAIN (2000)	TWAIN (2000)
POWER SOURCE		
Batteries	2x Size-AA Alkaline or NiMH Batteries (NB4-300) (Alkalines supplied)	2x Size-AA Alkaline or NiMH Batteries (NB4-300) (Alkalines supplied)
Battery life	Approx. 140 shots* (with supplied batteries) Approx. 400 shots (with optional Canon NB-3AH batteries) ⁸ Approx. 540 mins playback (with supplied batteries) Approx. 660 mins playback (with Canon NB-3AH batteries)	Approx. 200 shots* (with supplied batteries) Approx. 450 shots* (with optional Canon NB-3AH batteries) ⁸ Approx. 540 min. playback (with supplied batteries) Approx. 660 min. playback (with Canon NB-3AH batteries)
A/C Power Supply	Optional, AC Adapter Kit ACK800	Optional, AC Adapter Kit ACK800
ACCESSORIES	Please see accessories page inside brochure	Please see accessories page inside brochure
PHYSICAL SPECIFICATIONS		
Operating Environment	0 - 40°C, 10 - 90% humidity	0 - 40°C, 10 - 90% humidity
Dimensions (WxHxD)	97.3 x 67.0 x 41.9mm (excluding protrusions)	94.3 x 64.7 x 40.8mm
Weight (body only)	Approx. 200g	Approx. 175g

1 Depending on the image size selected
2 Digital zoom available for still image and standard movie modes only. Optical zoom may not be available during movie recording

3 Standard Output Sensitivity/Recommended Exposure Index. According to ISO 12232:2006 (20.04.2006) which specifies the method for assigning and reporting ISO speed ratings for digital still cameras
4 Not all functions of the flash are supported

5 Recording pixels fixed at 1600 x 1200
6 Under conditions where the flash does not fire
7 Depending on memory card speed/capacity
8 Using the batteries and memory card format supplied with the camera, except where indicated

Specifications

PowerShot A580

PowerShot A470

RECORDING PIXELS/COMPRESSION		
Image Size	(L) 3264x2448, (M1) 2592x1944, (M2) 2048x1536, (M3, Date Stamp) 1600x1200, (S) 640x480, (W) 3264x1832. Resize in playback (M3, S, 320x240)	(L) 3072x2304, (M1) 2592x1944, (M2) 2048x1536, (M3, Date Stamp) 1600x1200, (S) 640x480, (W) 3072x1728. Resize in playback (M3, S, 320x240)
Compression	Superfine, Fine, Normal	Superfine, Fine, Normal
Movies	(L)640x480, 20fps/20fps(LP) (M)320x240, 30fps	(L)640x480, 20fps/20fps(LP) (M)320x240, 30fps, (S)160x120, 15fps
Movie Length	Up to 4GB or 1 hour (L and M) ⁷ Up to 3 mins (S) ⁷	Up to 4GB or 1 hour (L and M) ⁷ Up to 3 mins (S) ⁷
FILE TYPES		
Still Image Type	JPEG compression, (Exif 2.2 [Exif Print] compliant)/Design rule for Camera File system, Digital Print Order Format [DPOF] Version 1.1 compliant	JPEG compression, (Exif 2.2 [Exif Print] compliant)/Design rule for Camera File system, Digital Print Order Format [DPOF] Version 1.1 compliant
Movies	AVI [Motion JPEG compression + WAVE (monaural)]	AVI [Motion JPEG compression]
Sound Files	WAVE (monaural)	WAVE (monaural)
DIRECT PRINT		
Canon Printers	Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge (ID Photo Print, Fixed Size Print and Movie Print supported on SELPHY CP & ES printers only)	Canon SELPHY Compact Photo Printers and Canon Inkjet Printers supporting PictBridge (ID Photo Print, Fixed Size Print and Movie Print supported on SELPHY CP & ES printers only)
PictBridge	YES	YES
OTHER FEATURES		
Red-Eye Correction	YES, during shooting and playback	YES, during shooting and playback
Start-up image and camera sounds customisation (Pre-Installed items only)	My Camera	-
My Category	Image tagging feature	Image tagging feature
Sound Memo	Up to 60 sec. per image	Up to 60 sec. per image
Intelligent Orientation Sensor	YES	YES
Histogram	YES	YES
Playback zoom	Approx. 2x - 10x	Approx. 2x - 10x
Self-Timer	Approx. 2 or 10 sec. or Custom	Approx. 2 or 10 sec. or Custom
Menu Languages	25 languages	25 languages
INTERFACE		
Computer	Hi-Speed USB (Mini-B, MTP, PTP)	USB (Mini-B, MTP, PTP)
Other	A/V output (PAL/NTSC)	A/V output (PAL/NTSC)
MEMORY CARD		
Type	SD, SDHC, MMC, MMCplus, HC MMCplus, 32MB memory card supplied	SD, SDHC, MMC, MMCplus, HC MMCplus, 32MB memory card supplied
SUPPORTED OPERATING SYSTEM		
PC & Macintosh	Windows 2000 SP4/XP SP2/Vista Mac OS X v10.3 - 10.4	Windows 2000 SP4/XP SP2/Vista Mac OS X v10.3 - 10.4
SOFTWARE		
Browsing & Printing	ZoomBrowser EX/ImageBrowser	ZoomBrowser EX/ImageBrowser
Other	PhotoStitch	PhotoStitch
Drivers	TWAIN (2000)	TWAIN (2000)
POWER SOURCE		
Batteries	2x Size-AA Alkaline or NiMH Batteries (NB4-300) (Alkalines supplied)	2x Size-AA Alkaline or NiMH Batteries (Alkalines supplied)
Battery life	Approx. 220 shots* (with supplied batteries) Approx. 500 shots (with optional Canon NB-3AH batteries) ⁸ Approx. 540 min. playback (with supplied batteries) Approx. 660 min. playback (with Canon NB-3AH batteries)	Approx. 150 shots* (with supplied batteries) Approx. 400 shots (with optional Canon NB-3AH batteries) ⁸ Approx. 360 min. playback (with supplied batteries) Approx. 480 min. playback (with Canon NB-3AH batteries)
A/C Power Supply	Optional, AC Adapter Kit ACK800	Optional, AC Adapter Kit ACK800
ACCESSORIES	Please see accessories page inside brochure	Please see accessories page inside brochure
PHYSICAL SPECIFICATIONS		
Operating Environment	0 - 40°C, 10 - 90% humidity	0 - 40°C, 10 - 90% humidity
Dimensions (WxHxD)	94.3 x 64.7 x 40.8mm	104.8 x 55.1 x 40.7mm
Weight (body only)	Approx. 175g	Approx. 165g

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