

PowerShotDIGITAL STILL CAMERAS

The power of choice.



The power of PowerShot

Creative control – as much or as little as you like. Whether you're new to digital photography or looking to explore your creative side, PowerShot digital cameras give you the flexibility to move at your own speed.

Every PowerShot digital camera shares the benefit of Canon's intuitive design, Visionary Technology and long tradition of optical engineering. Performance that puts you in control, that's the power of PowerShot.







CREATIVE ZONE

Take charge when you want to. Freely select settings – such as aperture and exposure – to suit the shooting situation.

IMAGE ZONE

Preset shooting modes let the camera control the settings, so you're free to capture the moment.





SERIOUS ABOUT PHOTOGRAPHY?

Take control with the compact PowerShot G7. The very latest Canon imaging technology combines with classic analogue design and a variety of optional lenses and Speedlite flash accessories. Discover creative possibilities sure to inspire the photographer in you.

TAKING YOU CLOSER

Push your boundaries with the PowerShot S3 IS. A powerful 12x zoom lens with optical Image Stabilizer and advanced movie-making capabilities give you the flexibility to extend your creative limits. Premium technology and an elegant gunmetal finish make this an all-around performer.



The PowerShot A-Series is a whole range of versatile digital cameras, offering you everything from creative performance to take-anywhere simplicity. Advanced features ensure optimal results in a wide range of shooting conditions. Compact and convenient, for all the moments that make life special.



PowerShot A640 PowerShot A630



PowerShot A560



PowerShot A550



PowerShot G7



PowerShot S3 IS



PowerShot A710 IS



PowerShot A570 IS



PowerShot A460







Without IS

With IS

Technology that works with you

PowerShot digital cameras feature the very best in Canon technologies and precision optics, all working in concert to deliver stunning results shot after shot.

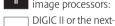
STEADY SHOOTING

NPTICAL Camera shake while hand IMAGE STABILIZER holding a camera can cause blurred photos. Canon's optical Image Stabilizer (IS) technology detects and corrects slight camera shake and ensures crisp. clear, shake-free images. IS is extremely helpful at slower shutter speeds, in low-light situations and at full zoom

THE POWER BEHIND **EVERY SHOT**



At the core of every PowerShot camera lies one of Canon's revolutionary image processors:



iSAPS generation DIGIC III with Noise Reduction and Face Detection Technology. Linking all camera functions. DIGIC ensures ultra-fast performance and superb image rendering. iSAPS works like a built-in assistant, analysing each scene to determine optimal

settings before you take your shot.

HIGH-PERFORMANCE LENSES

With over 60 years of experience in optical engineering. Canon is renowned as a leader in lens technology. The high-performance lenses in PowerShot cameras capture every scene with pin-sharp clarity and vibrant colours. A powerful zoom on every camera lets you get closer to your subjecta massive 12x closer with the PowerShot S3 IS

FAST AND QUIET ZOOMING

U An Ultrasonic Motor on **ULTRASONIC** the PowerShot S3 IS ensures smooth, near-silent zooming for stills or movie clips¹. This highly efficient motor powers the zoom lens in and out smoothly, quietly and swiftly, so photographers can compose pictures at the spur of the moment. Its hushed zoom action is also great for movies, since it won't be heard on the sound track



MEGAPIXELS FOR MEGA PICTURES

The number of megapixels determines the amount of sharp detail a digital camera can record. With more megapixels, you can print at larger sizes, plus crop and enlarge without sacrificing quality. PowerShot cameras provide all the resolution you need for finely detailed, photo-quality prints with plenty of scope for post-shoot cropping.

AMAZING AIAF AND FLEXIZONE AF/AE

94iAF nology analyses the scene and intelligently selects the subject from nine fixed areas3. It then adjusts the focus and exposure of your subject. This means that even offcentre subjects remain sharp and clear. FlexiZone AF/AE2 lets you manually select your focus point from anywhere in the frame.

Canon's AiAF tech-



9-point AiAF



Face Detection AF/AE/FE

LOW LIGHT? NO PROBLEM.

At higher ISO settings, your camera needs less light to capture a scene. ISO 1600 mode² keeps you shooting, even in near-dark conditions or where flash is prohibited. High ISO Auto mode² gives priority to shutter speed by automatically increasing ISO, reducing the risk of blurred images.

- 1 Noise and speed levels automatically reduce when shooting in movie mode.
- 2 Available on selected models. See product specifications for details.
- 3 Five fixed areas on the PowerShot A460.

FACE DETECTION TECHNOLOGY

Face Detection Technology² uses

Face Detection

AF/AE/FE artificial intelligence to detect with remarkable accuracy the positions of faces in the frame. Focus, exposure and flash level are automatically adjusted to optimise the most important part of your photo. Face Detection Technology also enables Red-Eye Correction² in playback. Fix red eyes in the camera and make them look natural again.



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 keeps the focus on 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.

- OTUA OUTO
- 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
- INDOOR
- FIREWORKS
- UNDERWATER
- FOLIAGE
- SNOW
- KIDS & PETS
- KIDS GILIS
- M NIGHT SNAPSHOT
- AQUARIUM
- A COLOR ACCENT
- s color swap
- ISO ISO 3200²



STITCH ASSIST' lets you create panoramic shots from multiple images. Photo-Stitch software, supplied with your camera, joins images together seam-lessly to create a single, stunning wideformat photo.



FIREWORKS Preset focus, no flash and longer exposures let you capture the perfect starburst.



MOVIE
Shoot super-smooth, VGA-quality movies
with sound. Color Swap, Color Accent¹ and incamera editing give you creative control.
Analyse fast-paced sequences frame by frame
with slow-motion playback.

COLOURS THAT CAPTIVATE

Add colour effects to images and movies before 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.





Sepia





Custom Color

- 1 Options vary per model. See product specifications for details.
- 2 Recording pixels fixed at 1600 x 1200.

PowerShot G7







Take control

Get down to business with the 10 Megapixel PowerShot G7. Packing a 6x optical image stabilised zoom, DIGIC III processor and superb low light ISO 1600 performance, this supremely featured compact also accesses an extensive range of flash and lens accessories.

- 10 Megapixels
- 6x optical zoom with optical Image Stabilizer
- DIGIC III processor and iSAPS for lightning-fast response, superb image quality and advanced noise reduction
- Face Detection AF/AE for precisely focused and exposed people shots
- 9-point AiAF and FlexiZone AF/AE
- 2.5" high-resolution LCD with wide viewing angle and anti-glare coating
- ISO 1600 for flash-free, low light shooting
- Compact body with dedicated ISO and Multi Control dials for fast, easy operation
- 25 shooting modes including full manual control and 2x custom settings
- Extra telephoto reach with Digital Tele-Converter & Safety Zoom
- Accessory system includes wide/tele lenses, waterproof case and Canon Speedlite flash range

PowerShot S3 IS





Get 12x closer to shake-free stills and movies

Featuring a 12x optical zoom with Image Stabilizer, the PowerShot S3 IS covers it all – from sweeping panoramas to super telephoto. Advanced video functions, extensive shooting modes and low light shooting capability complete this all-star performer.

- 6.0 Megapixel CCD
- 12x optical zoom (approx. 48x combined)
- Optical Image Stabilizer, fast USM zoom and UD lens element
- 20 shooting modes
- My Colors for in-camera photo effects
- Extra long¹ VGA movies with Photo in Movie feature and stereo sound
- Fast, superb results with DIGIC II, iSAPS and FlexiZone AF/AE
- ISO 800 for great indoor and low light results without flash
- Impressive 2.0" vari-angle LCD
- Widescreen (16:9) still image recording mode
- PictBridge and Print/Share button
- Optional converter lenses, slave flash and lens
- Comprehensive software and 100MB CANON iMAGE GATEWAY² online photo sharing space

¹ Depending on memory card used.

² Not available in all regions.

PowerShot A710 IS







Get close and stay sharp

The 7.1 Megapixel PowerShot A710 IS packs a powerful 6x zoom into its compact body so you can get closer to the action. Optical Image Stabilization ensures steady results in low light, while showing off winning images is a joy on the large 2.5" LCD screen.

- 7.1 Megapixels
- 6x optical zoom
- Optical Image Stabilizer for steady shots in low light and at full zoom
- Fast, superb results with DIGIC II, iSAPS, 9-point AiAF and FlexiZone AF/AE
- 20 shooting modes include full manual control plus My Colors photo effects
- 2.5" LCD screen with real image optical viewfinder
- Extra telephoto reach with Digital Tele-Converter & Safety Zoom
- ISO 800 and High ISO Auto for flash-free indoor and low light shooting
- Smooth 30 fps VGA and 60 fps QVGA movies with sound
- Optional accessories include wide/tele/closeup lenses and waterproof case
- Conveniently powered by AA batteries





Stunning results – from any angle

See the world differently with the PowerShot A640 and PowerShot A630. Swivel the vari-angle screen and hold it high or low to explore new perspectives. Expand your creative vision with a 4x optical zoom lens, optional lens accessories and waterproof case.

- 10.01/8.02 Megapixels
- 4x optical zoom
- 2.5" vari-angle LCD for creative framing
- Fast, superb results with DIGIC II, iSAPS, 9point AiAF and FlexiZone AF/AE
- 21 shooting modes include full manual control plus My Colors photo effects
- ISO 800 for flash-free indoor and low light shooting
- Extra telephoto reach with Digital aTele-Converter & Safety Zoom
- 1cm Macro mode for close-up focusing
- Smooth 30 fps VGA movies with sound
- Optional accessories include wide/tele lenses and waterproof case
- Conveniently powered by AA batteries

¹ PowerShot A640. ² PowerShot A630.

PowerShot A570 IS







Creative options. Creative control.

The PowerShot A570 IS is ideal for creative photographers, pushing the boundaries with optional lens accessories and full manual exposure control. A 4x optical zoom with Image Stabilization and DIGIC III with Face Detection Technology help you find the perfect shot.

- 7.1 Megapixels
- 4x optical zoom with optical Image Stabilizer
- DIGIC III for lightning fast response, superb image quality and advanced noise reduction
- Face Detection Technology with Red-Eye Correction in playback for great people shots
- High ISO 1600 for flash-free indoor and low light shooting
- Wide range of shooting modes include full manual control
- Smooth 30 fps VGA and 60 fps QVGA movies with sound
- 2.5" LCD with optical viewfinder
- Complete range of optional accessories includes wide/tele/close-up lenses, slave flash and waterproof case
- PictBridge and dedicated Print/Share button for one-touch printing and uploading

PowerShot A560







Easy snapshots. Perfect portraits.

Capture stunning portraits with the affordable PowerShot A560. Innovative Face Detection Technology makes it easy to shoot bright, sharp faces. Get the right shot indoors or in other low light conditions with High ISO 1600.

- Easy to use with popular Scene Modes on the Mode Dial and one-touch record/ review button
- 7.1 Megapixels and 4x optical zoom
- DIGIC III for lightning fast response, superb image quality and advanced noise reduction
- 9-Point AiAF and Face Detection AF/AE/FE for great people shots
- Red-Eye Correction in playback, using Face Detection Technology
- ISO 1600 and High ISO Auto for low light shooting
- 2.5" LCD screen with Night Display and Grid Line Overlay
- 14 shooting modes plus My Colors¹ photo effects
- Smooth 30 fps VGA and 60 fps QVGA movies with sound
- PictBridge and dedicated Print/Share button for one-touch printing and uploading

¹ See specifications for details.

PowerShot A550







Affordable performance

The PowerShot A550 features ISO 800 so you can enjoy flash-free shooting indoors and in other low light situations. With 7.1 Megapixels and a 4x optical zoom, this compact performer offers a lot of camera for your money.

- Easy to use with popular Scene Modes on the Mode dial and one-touch record/review button
- 7.1 Megapixels
- 4x optical zoom
- Fast, sharp results with DIGIC II, iSAPS and 9-point AiAF
- 2.0" LCD with Night Display and Grid Line Overlay
- 13 versatile shooting modes plus My Colors¹ in-camera photo effects
- Smooth 30 fps VGA and 60 fps QVGA movies with sound
- ISO 800 and High ISO Auto for flash-free indoor and low-light shooting
- PictBridge and dedicated Print/Share button for one-touch printing and uploading
- Conveniently powered by AA batteries

¹See specifications for details.

PowerShot A460





Choose your colour

Compact, affordable and incredibly easy, the PowerShot A460 is the ideal takeanywhere camera for users of any age. Choose from 3 attractive colours² and add an extra dash of fun to life's special moments.

- 5.0 Megapixels
- 4x optical zoom
- Fast, superb results with DIGIC II, iSAPS and 5-point AiAF
- 12 shooting modes include 8 easy-to-use Special Scene modes
- My Colors¹ in-camera photo effects
- Record VGA movie clips with sound for incamera, PC or TV playback
- 2.0" LCD with selectable Grid Line Display for easy composition
- 1cm Super Macro mode for sharp close-ups
- 3 attractive colour options²
- Easy direct printing and uploading with Print/ Share button and PictBridge compatibility
- Conveniently powered by AA batteries

¹ See specifications for details.

² 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.

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.





the memory card

SELECT vour camera directly to the image you want your printer or insert



variety of sizes

COMPREHENSIVE SOFTWARE AND ONLINE SHARING

With the image management software supplied by Canon, you can edit and organise your photos and movies or create albums of your favourite images. CANON iMAGE GATEWAY¹ gives you 100MB of online space for sharing your creations² 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 photography.





- 1 Not available in all regions.
- 2 Upload of movie clips requires download and installation of the movie upload task module from CANON iMAGE GATEWAY.

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.



Photographer: Christopher Gordon Camera: PowerShot A610 with Canon underwater housing WP-DC90.

UNDERWATER ACCESSORIES

Dive right in. Specially designed waterproof cases¹ and weights protect your PowerShot camera for fascinating underwater photography. A preset Underwater scene mode¹ 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 G7, you can explore Canon's Speedlite² Flash accessory range.



Waterproof Case (40m) WP-DC6



Waterproof Case (40m) WP-DC11



Waterproof Case (40m) WP-DC12



Waterproof Case Weight WW-DC1



High Power Flash HF-DC1



PowerShot G7 with Speedlite 430EX

- 1 Available on selected models. See specifications for details.
- 2 Please refer to accessories chart for details.

POWERSHOT ACCESSORIES COMPATIBILITY	G7	S3 IS	A710 IS	A640 A630	A570 IS	A560	A550	A460
WATERPROOF CASES								
WP-DC6 (waterproof to 40m)			•					
WP-DC8 (waterproof to 40m)				•				
WP-DC11 (waterproof to 40m)	•							
WP-DC12 (waterproof to 40m)					•			
Weight WW-DC1	•		•	•	•			
SOFT CASES								
Soft Case DCC-80			•		•	•	•	
Soft Case DCC-90		•						
Soft Case DCC-300				•				
Soft Case DCC-400								•
Soft Case DCC-600	•							
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)		•						
Lens Adapter LA-DC52G					•			
Lens Adapter LA-DC58F				•				
Lens Adapter LA-DC58G			•					
Lens Adapter LA-DC58H	•							
Lens Adapter LAH-DC20		•						
FLASH								
High Power Flash HF-DC1	•	•	•	•	•	•	•	•
Speedlite 580EX*, 430EX, 220EX	•							
POWER SUPPLY								
Car Battery Charger CBC-NB2	•							
Rechargeable Batteries NB-2LH	•							
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 G7	PowerShot S3 IS	PowerShot A710 IS	
IMAGE SENSOR Type Effective Pixels Colour Filter Type	1/1.8" CCD Approx. 10.0M Primary Colour	1/2.5° CCD Approx.6.0M Primary Colour	1/2.5" CCD Approx.7.1M Primary Colour	
IMAGE PROCESSOR	DIGIC III with iSAPS technology	DIGIC II with iSAPS technology	DIGIC II with iSAPS technology	
LENS Focal Length Zoom	7.4 - 44.4 mm (35mm equivalent: 35-210mm) Optical 6x. Digital approx. 4x (with Digital Tele- Converter approx. 1.4x or 2.3x and Safety Zoom')*. Combined approx. 24x	6.0 - 72.0mm (35mm equivalent: 36 - 432mm) Optical 12x. Digital approx. 4x*. Combined approx. 48x	5.8 - 34.8mm (35mm equivalent: 35 - 210mm) Optical 6x. Digital approx. 4x (with Digital Teleconverter approx. 1.5x or 1.9x and Safety Zoom')?. Combined approx. 24x	
Maximum f/number Construction Image Stabilisation	f/2.8 - f/4.8 9 elements in 7 groups (1 double-sided aspherical element) YES (shift-type)	f/2.7 - f/3.5 11 elements in 9 groups (1 aspherical element, 1 UD element) YES (Lens shift-type)	f/2.8 - f/4.8 9 elements in 7 groups (1 aspherical element with both sides aspherical) YES (shift-type)	
Ultrasonic Motor (USM)	-	YES, zoom	-	
FOCUSING Type AF System/ Points	TTL AiAF (Face Detection / 9-point), 1-point AF (any position is available or fixed centre)	TTL 1 point AF (any position is available)	TTL 9-point AiAF, 1-point AF (any position is available or fixed centre)	
AF Point Selection AF Lock AF Assist Beam Manual Focus Focus Bracketing	Manual selection using FlexiZone AF/AE On/Off Selectable YES YES YES	Manual selection using FlexiZone AF/AE On/Off Selectable YES YES YES	Manual selection using FlexiZone AF/AE On/Off Selectable YES YES	
Closest Focusing Distance	1cm	Ocm	1cm	
EXPOSURE CONTROL Metering Modes	Evaluative, Centre-weighted average, Spot (centre or linked to Face Detection AF or FlexiZone AF frame)	Evaluative, Centre-weighted average, Spot (centre or linked to focusing frame)	Evaluative, Centre-weighted average, Spot (centre or linked to focusing frame)	
AE Lock Exposure Compensation AEB ISO sensitivity ^s	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	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	Locked when shutter button is pressed half way +/- 2 EV in 1/3 stop increments - AUTO, High ISO Auto, 80, 100, 200, 400, 800	
SHUTTER Speed	15-1/2,500 sec (Available shutter speeds vary depending on the shooting mode)	15-1/3,200 sec (Available shutter speeds vary depending on the shooting mode)	15–1/2,000 sec (Available shutter speeds vary depending on the shooting mode)	
WHITE BALANCE Settings	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Flash, Underwater, Custom	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Flash, Custom	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Underwater, Custom	
VIEWFINDER Viewfinder Dioptre Correction	Real-image zoom, optical viewfinder YES	EVF (0.33" type), approx. 115,000 pixels YES	Real-image zoom, optical viewfinder -	
LCD MONITOR Monitor Coverage Brightness	2.5° P-Si TFT, approx. 207,000 pixels 100% Adjustable to one of fifteen levels	Vari-angle 2.0° Low temperature P-Si TFT, approx. 115,000 pixels 100% Adjustable to one of two levels	2.5" P-Si TFT, approx. 115,000 pixels	
FLASH Modes Slow Sync Speed Red-Eye Reduction Flash Exposure Compensation Flash Exposure Lock Second Curtain Synchronisation Built-in Flash Range External Flash	Auto, Manual Flash On / Off YES YES 3 levels with internal flash (13 levels with external EX Speedlites'), Safety FE. YES YES 30cm - 4.0m (W) / 2.5m (T) (at ISO AUTO equivalent) E-TIL with EX series Speedlites', Canon's High Power Flash HF-DC1	Auto, Manual Flash On / Off YES YES +/-2 EV in 1/3 stop increments YES YES YES Socm - 5.2m (W) / 90cm - 4.0m (T) (at ISO AUTO equivalent) Canonis High Power Flash HF-DC1	Auto, Manual Flash On / Off YES YES +/- 2 EV in 1/3 stop increments YES YES 55cm - 3.5m (W) / 2.5m (T) (at ISO AUTO equivalent) Canoris High Power Flash HF-DC1	
SHOOTING Modes	Auto, Program AE, Shutter priority AE, Aperture priority AE, Manual, Custom (2 modes), Stitch Assist, Movie, Special Scene (Potrait, Landscape, Night Scene, Sports, Night Snapshot, Kids & Pets, Indoor, Foliage, Snow, Beach, Fireworks, Aquarium, Underwater, ISO 3200°, Color Accent, Color Swap)	Auto, Program AE, Shutter priority AE, Aperture priority AE, Manual, Custom, Portrait, Landscape, Night Scene, Sports, Stitch Assist, Movie, Special Scene (Foliage, Snow, Beach, Fireworks, Indoor, Night Snapshot, Color Accent, Color Swap)	Auto, Program AE, Shutter priority AE, Aperture priority AE, Manual, Potrait, Landscape, Night Scene, Stitch Assist, Mowie, Special Scene (Night Snapshot, Kids & Pets, Indoor, Foliage, Snow, Beach, Fireworks, Underwater, Color Accent, Color Swap)	
Photo Effects	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)	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)	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)	

PowerShot A640 PowerShot A630	PowerShot A570 IS	PowerShot A560 PowerShot A550	PowerShot A460
1/1.8" CCD Approx.10.0M (A640) / Approx.8.0M (A630) Primary Colour	1/2.5" CCD Approx.7.1M Primary Colour	1/2.5" CCD Approx.7.1M Primary Colour	1/3° CCD Approx.5.0M Primary Colour
DIGIC II with iSAPS technology	DIGIC III with iSAPS technology	DIGIC III with iSAPS technology (A560) DIGIC II with iSAPS technology (A550)	DIGIC II with iSAPS technology
7.3 – 29.2mm (35mm equivalent: 35 – 140mm) Optical 4x. Digital approx. 4x (with Digital Teleconverter approx. 1.4x or 2.3x (A640), approx. 1 fox or 2.0x (A630), and Safety Zoom')*. Combined approx. 16x	5.8 - 23.2mm (35mm equivalent: 35 - 140mm) Optical 4x Digital approx 4x² (with Digital Tele- Converter approx 1.5x or 1.9x and Safety Zoom¹)². Combined approx. 16x	5.8-23.2mm (35mm equivalent: 35-140mm) Optical 4x Digital approx 4x° (with Digital Tele- Converter approx 1.5x or 1.9x and Safety Zoom')². Combined approx. 16x	5.4-21.6mm (35mm equivalent: 38-152mm) Optical 4x. Digital approx. 4x (with Safety Zoom') (still images), 2x (movies). Combined approx. 16x (still images), 8.1x (movies)*.
f/2.8 - f/4.1 8 elements in 7 groups (2 aspherical elements)	f/2.6-f/5.5 7 elements in 5 groups (2 aspherical elements)	f/2.6-f/5.5 7 elements in 5 groups (2 aspherical elements)	f/2.8 - f/5.8 7 elements in 6 groups (1 aspherical element)
-	YES (shift-type)	-	-
TTL 9-point AiAF, 1-point AF (any position is available or fixed centre)	TTL AlAF (Face Detection / 9-point), 1-point AF (fixed centre)	TTL AiAF (Face Detection / 9-point), 1-point AF (fixed centre) (AS50) 9-point AiAF, 1-point AF (fixed centre) (AS50)	TTL 5-point AiAF, 1-point AF (fixed centre)
Manual selection using FlexiZone AF/AE On/Off Selectable YES YES	On/Off Selectable YES YES	- On/Off Selectable YES -	- Locked when shutter button is pressed half way YES -
1cm	5cm	5cm	1cm
Evaluative, Centre-weighted average, Spot (centre or linked to focusing frame) Locked when shutter button is pressed half way +/- 2 EV in 1/3 stop increments	Evaluative, Centre-weighted average, Spot (centre or linked to Face Detection AF frame) Locked when shutter button is pressed half way +/- 2 EV in 1/3 stop increments	Evaluative, Centre-weighted average, Spot (centre or linked to Face Detection AF frame) (ASG0) Evaluative, Centre-weighted average, Spot (centre) (ASS0) On/Off Selectable 4-7-2 EV in 1/3 stop increments	Evaluative, Centre-weighted average, Spot (centre) Locked when shutter button is pressed half way 4/- 2 EV in 1/3 stop increments
- AUTO, High ISO Auto, 80, 100, 200, 400, 800	- AUTO, High ISO Auto, 80, 100, 200, 400, 800, 1600	- AUTO, High ISO Auto, 80, 100, 200, 400, 800, 1600 (A560 only)	- AUTO, 80, 100, 200, 400
15-1/2,500 sec (Available shutter speeds vary depending on the shooting mode)	15–1/2,000 sec (Available shutter speeds vary depending on the shooting mode)	15–1/2,000 sec (Available shutter speeds vary depending on the shooting mode)	15-1/2,000 sec (Available shutter speeds vary depending on the shooting mode)
Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Underwater, Custom	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Underwater, Custom	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom
Real-image zoom, optical viewfinder	Real-image zoom, optical viewfinder -	Real-image zoom, optical viewfinder	Real-image zoom, optical viewfinder -
Vari-angle 2.5" P-Si TFT, approx. 115,000 pixels 100%	2.5" Amorphous silicon TFT, approx. 115,000 pixels	2.5° Amorphous silicon TFT, approx. 115,000 pixels (A560) 2.0° P-Si TFT, approx. 86,000 pixels (A550) 100%	2.0° P-Si TFT, approx. 86,000 pixels 100% Adjustable to one of two levels
Auto, Manual Flash On / Off YES YES +/- 2 EV in 1/3 stop increments	Auto, Manual Flash On / Off	Auto, Manual Flash On / Off YES YES -	Auto, Manual Flash On / Off YES -
YES YES 45cm - 4.2 m (W) / 3 m (T) (at ISO AUTO equivalent) Canon's High Power Flash HF-DC1	- 45cm - 3.5m (W) / 2.2m (T) (at ISO AUTO equivalent) Canon's High Power Flash HF-DC1	YES - -45cm - 3.5m (W) / 2.2m (T) (at ISO AUTO equivalent) Canon's High Power Flash HF-DC1	- 47cm - 3.0m (W) / 2.0m (T) (at ISO AUTO equivalent) Canon's High Power Flash HF-DC1
Auto, Program AE, Shutter priority AE, Aperture priority AE, Manual, Custom, Portrait, Landscape, Night Scene, Stitch Assist, Movie, Special Scene (Night Snapshot,	Auto, Program AE, Shutter priority AE, Aperture priority AE, Manual, Portrait, Landscape, Night Snapshot, Kids & Pets, Indoor, Stitch Assist, Movie, Special Scene	Auto, Manual, Portrait, Landscape, Night Snapshot, Indoor, Kids & Pets, Movie, Special Scene (Foliage, Snow, Beach, Fireworks, Night Scene, Aquarium	Auto, Manual, Super Macro, Movie, Special Scene (Portrait, Night Snapshot, Kids & Pets, Indoor, Foliage, Snow, Beach, Fireworks)

(A560 only))

My Colors (My Colors Off, Vivid, Neutral, Sepia, Black & White, Custom Color (limited)) My Colors (My Colors Off, Vivid, Neutral, Sepia, Black & White, Custom Color (limited))

Kids & Pets, Indoor, Foliage, Snow, Beach, Fireworks, Underwater, Color Accent, Color Swap)

My Colors (My Colors Off, Vivid, Neutral, Sepia, Black & White, Lighter Skin Tone, Darker Skin Tone, Positive Film, Custom Color) (Night Scene, Foliage, Snow, Beach, Fireworks,

My Colors (My Colors Off, Vivid, Neutral, Sepia, Black & White, Custom Color (limited))

Aquarium, Underwater)

Specifications	PowerShot G7	PowerShot S3 IS	PowerShot A710 IS
Drive modes Continuous Shooting Intervalometer	Single, Continuous, Self-Timer Continuous Shooting (Normal) approx. 2.0 fps*, Continuous Shooting (AF) approx. 0.8 fps6 (until memory card becomes full)*	Single, Continuous, Self-Timer High Speed at approx. 2.3 fps* (until memory card becomes full)*, Normal at approx. 1.5 fps* (until memory card becomes full)* Up to 100 shots in 1-60 minute increments 7	Single, Continuous, Self-Timer Approx. 1.7 fps* (until memory card becomes full)*
RECORDING PIXELS / COMPRESSION Image Size Compression Movies Movie Length	(L) 3648 x 2736, (M1) 2816 x 2112, (M2) 2272 x 1704, (M3) 1600 x 1200, (S) 640 x 480, (W) 3648 x 2048 Superfine, Fine, Normal (L1) 1024 x 768, 15 fps, (L2) 640 x 480, 30/15 fps, (M) 320 x 240, 30/15 fps, (S) 160 x 120, 15 fps Up to 4GB or 1 hour (L1, L2 and M) Up to 3 min (S) 7	(L) 2816 X 2112, (M1) 2272 X 1704, (M2) 1600 X 1200, (S) 640 X 480, (W) 2816 X 1584 Superfine, Fine, Normal (L)640 X 480, 30/15fps (M)320 X 240, 60/30/15fps Up to 1GB or 1 hour 7	(L) 3072 x 2304, (M1) 2592 x 1944, (M2) 2048 x 1536, (M3) 1600 x 1200, (S) 640 x 480, (W) 3072 x 1728, (Postcard Date Imprint) 1600 x 1200 Superfine, Fine, Normal (L)640 x 480, (M)320 x 240, 30/15 fps (M)320 x 240, 60 fps (S)160 x 120, 15 fps Up to 1 GB or 1 hour (L and M, 30/15 fps). Up to 1 min (M, 60 fps). Up to 3 min (S)?
FILE TYPES Still Image Type Movies Sound Files	JPEG compression, (Exif 2.2 [Exif Print] compliant) / Design rule for Camera file system, Digital Print Order Format [DPOF] Version 1.1 compliant AVI [Motion JPEG compression + WAVE (monaural)] WAVE (monaural)	JPEG compression, (Exif 2.2 [Exif Print] compliant) / Design rule for Camera File system, Digital Print Order Format [DPOF] Version 1.1 compliant AVI [Motion JPEG compression + WAVE (stereo)] WAVE (stereo)	JPEG compression, (Exif 2.2 [Exif Print] compliant) / Design rule for Camera File system, Digital Print Order Format [DPOF] Version 1.1 compliant AVI [Motion JPEG compression + WAVE (monaural)] WAVE (monaural)
DIRECT PRINT Canon Printers PictBridge	Canon SELPHY Compact Photo Printers and PIXMA Printers supporting PictBridge (ID Photo Print, Fixed Size Print and Movie Print supported on SELPHY CP & ES printers only) YES	Canon SELPHY Compact Photo Printers and PIXMA Printers supporting PictBridge (ID Photo Print, Fixed Size Print and Movie Print supported on SELPHY CP & ES printers only) YES	Canon SELPHY Compact Photo Printers and PIXMA Printers supporting PictBridge (ID Photo Print, Fixed Size Print and Movie Print supported on SELPHY CP & ES printers only) YES
OTHER FEATURES Red-Eye Reduction My Camera My Category Sound Memo Intelligent Orientation Sensor Histogram Playback zoom Self-Timer Menu Languages	Start-up image and camera sounds customisation image tagging feature Up to 60 sec per image YES YES, live histogram Approx. 2x -10x Approx. 2x -10x Custom 25 languages	-t Start-up image and camera sounds customisation Up to 60 sec per image YES YES, live histogram 2x-10x Approx. 2 or 10 sec or Custom 23 languages	Start-up image and camera sounds customisation Up to 60 sec per image YES YES Approx. 2x-10x Approx. 2 or 10 sec or Custom 25 languages
INTERFACE Computer Other	USB 2.0 Hi-Speed (Mini-B, PTP) A/V output (PAL/NTSC)	USB 2.0 Hi-Speed (Mini-B, PTP) A/V output (PAL/NTSC)	USB 2.0 Hi-Speed (Mini-B, PTP) A/V output (PAL/NTSC)
MEMORY CARD Type	Secure Digital (SD) Card, Secure Digital High- Capacity (SDHC) Card or MultiMediaCard (MMC), 32MB memory card supplied	Secure Digital (SD) Card, Secure Digital High- Capacity (SDHC) Card or MultiMediaCard (MMC), 16MB memory card supplied	Secure Digital (SD) Card or Secure Digital High- Capacity (SDHC) Card or MultiMediaCard (MMC), 16MB memory card supplied
SUPPORTED OPERATING SYSTEM PC & Macintosh	Windows 98SE / Me / 2000 SP4 / XP / XP SP1-2 Mac OS X v10.2 -10.4	Windows 98SE / Me / 2000 SP4 / XP / XP SP1-2 Mac OS X v10.2 - 10.4	Windows 985E / Me / 2000 SP4 / XP / XP SP1-2 Mac OS X v10.2 - 10.4
SOFTWARE Browsing & Printing Other Drivers Image Manipulation	ZoomBrowser EX / ImageBrowser PhotoStitch, Remote Capture TWAIN (Windows 98 / 2000), WIA (Windows Me)	ZoomBrowser EX / ImageBrowser PhotoStitch, RemoteCapture TWAIN (Windows 98 / 2000), WIA (Windows Me) ArtSoft PhotoStudio	ZoomBrowser EX / ImageBrowser PhotoStitch TWAIN (Windows 98 / 2000), WIA (Windows Me)
POWER SOURCE Batteries Battery life	Rechargeable Li-ion Battery NB-2LH/NB-2L (NB-2LH battery and charger supplied) Approx. 220 shots ^a Approx. 300 mins playback	4x Size-AA Alkaline or NiMH Batteries (NB4-300) (Alkalines supplied) Approx. 110 shots* (with supplied batteries) Approx. 550 shots (with optional Canon NB4-300 batteries)* Approx. 780 mins playback (with supplied batteries) Approx. 900mins playback (with Canon NB4-300 batteries)	2x Size-AA Alkaline or NiMH Batteries (NB4-300) (Alkalines supplied) Approx. 100 shots" (with supplied batteries) Approx. 360 shots (with optional Canon NB-3AH batteries) Approx. 420 mins playback (with supplied batteries) Approx. 600 mins playback (with Canon NB-3AH batteries)
A/C Power Supply	Optional, AC Adapter Kit ACK-DC20	Optional, Power adapter CA-PS700	Optional, AC Adapter Kit ACK800
ACCESSORIES	Please see accessories page inside brochure	Please see accessories page inside brochure	Please see accessories page inside brochure
PHYSICAL SPECIFICATIONS Operating Environment Dimensions (WxHxD) Weight (body only)	0-40°C, 10-90% humidity 106.4 x 71.9 x 42.5mm (excluding protrusions) Approx. 320g	0 - 40°C, 10 - 90% humidity 113.4 x 78.0 x 75.5mm (excluding viewfinder- eyepiece & protrusions) Approx. 410g	0-40°C, 10-90% humidity 97.5 x 66.5 x 41.2mm (excluding protrusions) Approx 210g
	Depending on the image size selected Digital zoom available for still image and standard movie modes only. Optical zoom may not be available during movie recording	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 Large/Fine with LCD monitor off

PowerShot A640 PowerShot A630	PowerShot A570 IS	PowerShot A560 PowerShot A550	PowerShot A460	
Single, Continuous, Self-Timer Approx.1.5 fps' (until memory card becomes full)' (A640), Approx.1.8 fps' (until memory card becomes full)' (A630)	Single, Continuous, Self-Timer Approx. 1.7 fps ⁴ (until memory card becomes full) ⁷	Single, Self-Timer Approx. 1.7 fps ⁴ (until memory card becomes full) ⁷ (A560), Approx. 1.4 fps ⁴ (until memory card becomes full) ⁷ (A550)	Single, Self-Timer Approx. 1.5 fps¹ (until the memory card is full) ⁷	
(L) 3648x 2736, (M1) 2816x 2112, (M2) 2272x 17044, (M3) 1600x 1200, (S) 640x 480, (W) 3648x 17504, (M3) 1600x 1200, (S) 640x 480, (W) 3672x 1728, (Postcard Date Imprimt) 1600x 1200 Superfine, Fine, Normal (L)640x 480, 30/15fps (S)160x 120, 15fps Up to 1GB or 1 hour (L and M). Up to 3 min (S) 7 Up to 1GB or 1 hour (L and M, 30/15fps). Up to 1 min (M, 60fps). Up to 3 min (S) 7		(L) 3072 x 2304, (M1) 2592 x 1944, (M2) 2048 x 1536, (M3) 1600 x 1200, (S) 640 x 480, (W) 3072 x 1728, (Postcard Date Imprint) 1600 x 1200 Superfine, Fine, Normal (L)640 x 480, 30.15 fps, (M)320 x 240 60/30/15 fps, (S)160 x 120, 15 fps Up to 4GB (A560)/ up to 1GB (A550) or 1 hour (L and M, 30/15 fps). Up to 1 min (M, 60 fps). Up to 3 min (S) ⁷	(L) 2592 x 1944, (M1) 2048 x 1536, (M2) 1600 x 1200, (S) 640 x 480, (W) 2592 x 1456, (Postcard Date Imprint) 1600 x 1200 Superfine, Fine, Normal (L)640 x 480, 10fps (M)320 x 240, 30fps, (S)160 x 120, 15fps Up to 1GB or 1 hour (L and M). Up to 3 min (S) 7	
IPEG compression, (Exif 2.2 [Exif Print] compliant) / Design rule for Camera file system, Digital Print Order Format [DPOF] Version 1.1 compliant AVI [Motion IPEG compression + WAIVE (monaural)] AVI [Motion IPEG compression + WAIVE (monaural)] WAVE (monaural)		JPEG compression, (Exif 2.2 [Exif Print] compliant) / Design rule for Camera File system, Digital Print Order Format [DPOF] Version 1.1 compliant ANI [Motion JPEG compression + WAVE (monaural)] WAVE (monaural)	JPEG compression, (Exif 2.2 [Exif Print] compliant) / Design rule for Camera File system, Digital Print Order Format [IPPOF] Version 1.1 compliant AVI [Motion JPEG compression] WAVE (monaural)	
Canon SELPHY Compact Photo Printers and PIXMA Printers supporting PictBridge (ID Photo Print, Fixed Size Print and Movie Print supported on SELPHY CP & E5 printers only) YES	Canon SELPHY Compact Photo Printers and PIXMA Printers supporting PictBridge (ID Photo Print, Fixed Size Print and Movie Print supported on SELPHY CP & ES printers only) YES	Canon SELPHY Compact Photo Printers and PIXMA Printers supporting PictBridge (ID Photo Print, Fixed Size Print and Movie Print supported on SELPHY CP & ES printers only) YES	Canon SELPHY Compact Photo Printers and PIXMA Printers supporting PictBridge (ID Photo Print, Fixed Size Print and Movie Print supported on SELPHY CP & ES printers only) YES	
- Start-up image and camera sounds customisation - Up to 60 sec per image YES YES Approx. 2x-10x Approx. 2 or 10 sec or Custom 25 languages	YES, in playback	YES, in playback (A560 only)	YES	
USB 2.0 Hi-Speed (Mini-B, PTP) A/V output (PAL/NTSC)	USB 2.0 Hi-Speed (Mini-B, MTP, PTP) A/V output (PAL/NTSC)	USB 2.0 Hi-Speed (Mini-B, MTP, PTP) A/V output (PAL/NTSC)	USB Hi-Speed (Mini-B, MTP, PTP) A/V output (PAL/NTSC)	
Secure Digital (SD) Card or Secure Digital High- Capacity (SDHC) Card or MultiMediaCard (MMC), 32MB memory card supplied (A640), 16 MB memory card supplied (A630)		Secure Digital (SD) Card or Secure Digital High- Capacity (SDHC) Card or MultiMediaCard (MMC), 16MB memory card supplied	Secure Digital (SD) Card or Secure Digital High- Capacity (SDHC) Card or MultiMediaCard (MMC), 16MB memory card supplied	
Windows 98SE / Me / 2000 SP4 / XP / XP SP1-2 Mac OS X v10.2 - 10.4	Windows 2000 SP4 / XP / XP SP1-2 / Vista Mac OS X v10.3 - 10.4	Windows 2000 SP4 / XP / XP SP1-2 / Vista Mac OS X v10.3 - 10.4	Windows 2000 SP4 / XP / XP SP1-2 / Vista Mac OS X v10.3 - 10.4	
ZoomBrowser EX / ImageBrowser PhotoStitch, RemoteCapture (A640 only) TWAIN (Windows 98 / 2000), WIA (Windows Me)	ZoomBrowser EX / ImageBrowser PhotoStitch TWAIN (2000)	ZoomBrowser EX / ImageBrowser PhotoStitch TWAIN (2000)	ZoomBrowser EX / ImageBrowser PhotoStitch TWAIN (2000)	
4x Size-AA Alkaline or NiMH Batteries (NB4-200) (Alkalines supplied) Approx. 280 Sohots* (A640) (with supplied batteries) Approx. 350 Shots* (A630) (with supplied batteries) Approx. 500 Shots* (with optional Canon NB-2AH batteries*) Morey. 2100 miss planting.	2x Size-AA Alkaline or NiMH Batteries (NB4-300) (Alkalines supplied) Approx. 120 shots' (with supplied batteries) Approx. 400 shots (with optional Canon NB-3AH batteries) 'Approx. 540 mins playback (with supplied batteries) (Approx. 560 mins playback (with supplied	2x Size-AA Alkaline or NiMH Batteries (NB4-300) (Alkalines supplied) Approx. 140 hosts? Approx. 500 shots (with optional Canon NB-3AH batteries)* Approx. 540 mins playback (with supplied batteries) Approx. 560 mins playback (with Canon NB-3AH)	2x Size-AA Alkaline or NiMH Batteries (Alkalines supplied) Approx 120 shots* Approx 400 shots (with optional Canon NB-3AH batteries)* Approx 540 mins playback (with supplied batteries) Approx 660 mins playback (with Canon NB-3AH batteries)	

Approx. 350 shots8 (A630) (with supplied batteries) Approx. 500 shots (with optional Canon NB-2AH batteries)8 Approx. 1200 mins playback (with supplied batteries) Approx. 1200 mins playback (with Canon NB-2AH batteries) Optional, AC Adapter CA-PS500 Please see accessories page inside brochure

0-40°C, 10-90% humidity 109.4 x 66.0 x 49.1 mm (excluding protrusions)

Approx. 245g

except where indicated

Depending on memory card speed / capacity Based on the CIPA Standard and using the batteries and memory card format supplied with the camera,

Optional, AC Adapter Kit ACK800

0-40°C, 10-90% humidity

91.2 x 64.0 x 43.1 mm

165g (A560) 160g (A550)

batteries)

Approx. 660 mins playback (with Canon NB-3AH

Please see accessories page inside brochure

Optional, AC Adapter Kit ACK800

0-40°C, 10-90% humidity

106 x 51.8 x 40.2mm

Approx. 165g

Please see accessories page inside brochure

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batteries) Approx. 660 mins playback (with Canon

Please see accessories page inside brochure

NB-3AH batteries)

Optional, AC Adapter Kit ACK800

0-40°C, 10-90% humidity

89.5 x 64.3 x 42.8mm

1759

































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