you can

Canon

PowerShot **S2 IS**

Shake-free stills and movies...

MF

12× OPTICAL ZOOM

IMAGE STABILIZER
ULTRASONIC

5.0 MEGA PIXELS

...with lots of extras.

PowerShot S2 IS

R   L

CANON ZOOM LENS 12×

6.0-72.0mm 1:2.7-3.5 USM

UEFA CHAMPIONS LEAGUE®

OFFICIAL SUPPLIER

Versatility.
Flexibility.
Creativity.

From the moment you switch it on, it's clear the PowerShot S2 IS is different. Its compact, intuitive design houses a remarkable Canon 12x optical zoom lens that delivers pinsharp precision and vibrant colours throughout its extensive focal length range. And once you've included the Optical Image Stabiliser, Ultrasonic Motor, advanced movie capabilities and Canon's Visionary Technologies it's easy to see how the PowerShot S2 IS gives you the flexibility to take your creativity to another level.

5.0 MEGA PIXELS PACKED WITH POWER

The PowerShot S2 IS features a 5.0 megapixel CCD sensor – more than enough resolution to ensure crisp, clean details in every shot, and photo quality prints up to A3.

VISIONARY TECHNOLOGY

DiGiC II HIGH SPEED DIGIC II PROCESSOR

Canon's exclusive next generation DIGIC II processor optimises the PowerShot S2 IS's performance every time you take a shot. You'll see the results instantly – superb image quality, faster and more accurate auto focus performance*, more responsive camera controls and longer, higher quality movies. And by making the camera run so smoothly, the DIGIC II processor also allows for extended battery life.

*AF speed is approximately 45% faster than with its predecessor
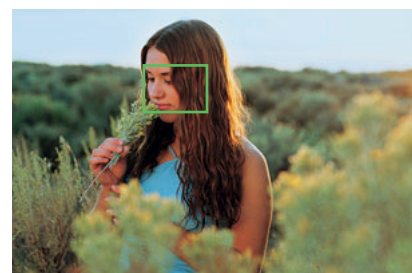
iSAPS ISAPS TECHNOLOGY

Even before the shutter release is pressed, Canon's unique iSAPS (Intelligent Scene Analysis based on Photographic Space) evaluates your composition and compares it against a vast in-camera database of different images and settings, dramatically improving the camera's ability to interpret shooting situations and deliver brilliant images without delay.

FlexiZone AF/AE CONTROL FLEXIZONE AF/AE

The FlexiZone AF/AE function lets you freely scroll the auto focus area around the scene to select the subject you want to focus on. Your exposure is then automatically weighted for your selection.

*FlexiZone AF/AE*

Unparalleled lens performance.

With more than 60 years of optical engineering heritage, you know that every Canon lens will be of an exceptionally high standard – and the PowerShot S2 IS is no different. Its remarkable 12x optical zoom incorporates a UD lens element, Optical Image Stabiliser and Ultrasonic Motor to ensure razor sharp definition and crisp, stunning colours in every shot and movie – as well as quick compositions.
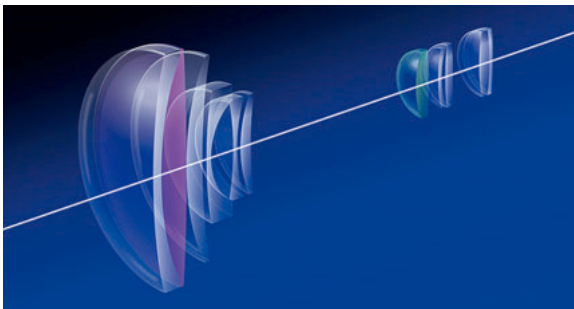
12X OPTICAL ZOOM
Giving you a 35mm equivalent focal length range of 36mm to 432mm, and maximum aperture of f/2.7 to f/3.5, the PowerShot S2 IS's brilliantly versatile 12x optical (48x combined) zoom lens allows you to shoot a huge variety of scenes – from landscapes and nature shots to sports events and portraits. A UD (Ultra-low Dispersion) lens element – which reduces chromatic aberration – is key to the lens's superior performance and sharpness.

36mm equivalent
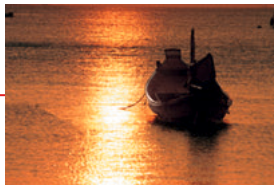
432mm equivalent

The 12x optical zoom lens consists of 11 elements in 9 groups (including 1 aspherical and 1 UD element)

OPTICAL IMAGE STABILISER (IS)
The PowerShot S2 IS's Optical Image Stabiliser (IS) uses tiny gyroscopes to detect the slightest camera shake and correct it before it can cause a blurred image. Perfect for when a tripod is not available, the IS lens group actually shifts within the lens casing to counteract any shaking – resulting in clearer, sharper images even in low light conditions and at slow shutter speeds. You can also choose from one of four IS modes (Off/Continuous/Shoot Only/ Panning – 'Off' and 'Continuous' can also be selected in movie mode) to give you maximum control over your shot.

Without IS
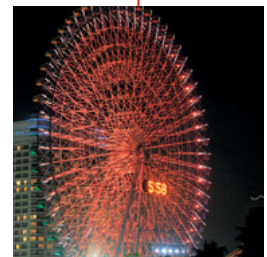
With IS

ULTRASONIC MOTOR (USM)
With Canon's renowned Ultrasonic Motor technology driving the PowerShot S2 IS's zoom lens you can be sure of super-fast, near silent zooming action*. This is essential for making quick compositions and for zooming in when shooting movies, as the virtually silent motor won't be heard on the audio.

*Level of speed and noise depends on whether you're in movie or still mode.

SUPER MACRO MODE
The PowerShot S2 IS also features a super macro mode – meaning the camera achieves pin-sharp focus no matter how close you get to your subject (shooting distance can be as close as 0cm whether you are shooting stills or movies). Ideal for capturing the intricate beauty of the patterns created by nature.

Advanced movie technology.

Sometimes the only way to capture all the atmosphere of a scene is to shoot it as a movie. The PowerShot S2 IS's superior movie mode gives you all the tools you need to capture it all and deliver results so stunning, you won't believe they came from a camera.

Movie Button
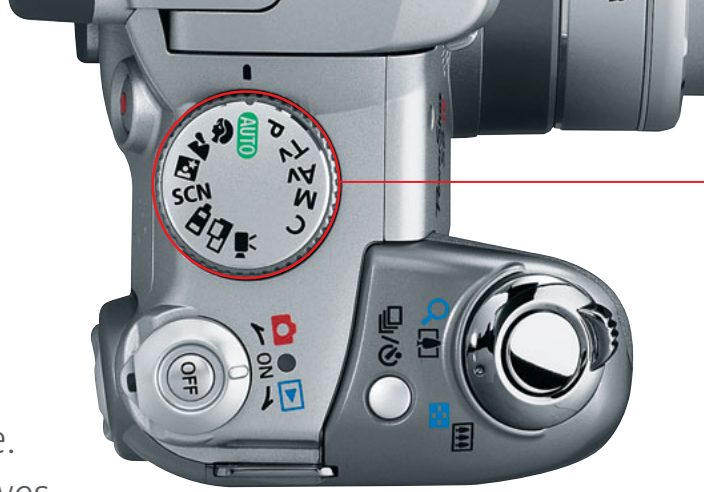
Vari-angle **Twist it, turn it, fold it, swivel it –** the PowerShot S2 IS's vari-angle LCD allows you to shoot with confidence from virtually any angle.

Movie **30fps / VGA** **PREMIUM QUALITY. STEREO SOUND**

Record your movies at 30 or 15 frames per second, in VGA or QVGA resolution with up to two hours of full stereo sound. Optical image stabilisation, the Ultrasonic Motor and a series of advanced shooting features all combine to give you filming abilities to rival many dedicated camcorders. You can continuously record up to 1GB* of action – and edit it on the go to save space with the movie playback feature.

START RECORDING ANY TIME

With the PowerShot S2 IS you simply press the dedicated movie button to start recording right away. The camera automatically adjusts the exposure, focusing and white balance as you film. But that's not all. While recording in movie mode you can also use the camera's optical and digital zoom and manual focus functions, giving you amazing creative flexibility.

Photo in Movie **PHOTO IN MOVIE**

Just because you've decided to record movie footage shouldn't mean you've decided not to take stills. In fact, you don't even have to switch back to stills mode. With the PowerShot S2 IS's Photo In Movie function, you can just start shooting*– taking great stills whilst recording movie footage.

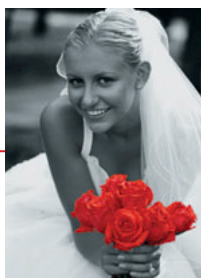*Depending on the size and speed of your memory card.

Your modes. "My Colors".

The PowerShot S2 IS features a huge variety of creative and automatic shooting modes (18 shooting modes in total, including 6 special scene modes and My Colors), to give you more creative control over your shots than ever before.

"Color Accent"

"MY COLORS" ◄

Canon's "My Colors" shooting feature allows you to alter the colours of your image or movie – on the camera's LCD – giving you creative options you'd normally only be able to realise at home on your computer. Simply select one of the 9 sub-modes before taking your shot: Vivid Red, Vivid Blue, Vivid Green, Positive Film, Lighter Skin Tone, Darker Skin Tone, "Color Accent", "Color Swap" or "Custom Color". You can then decide whether you wish to keep both the original image and edited image or just the edited image (if you use "My Colors" while recording a movie, only the edited movie will be saved).

AUTO
PORTRAIT
LANDSCAPE
NIGHT SCENE

STITCH ASSIST
Using the supplied PhotoStitch software, this feature lets you shoot a sequence of up to 26 images and then merge them together into a larger image to create long panoramas.

MOVIE
Shoot stunning VGA or QVGA quality movies in sumptuous stereo sound at either 30 or 15 frames per second. You can then play it back and edit it instantaneously using the camera's LCD.

SPECIAL SCENE MODES
Choose from one of six specially stored presets created to let you achieve great results in common shooting situations without having to use the manual controls.

FOLIAGE
SNOW
BEACH
FIREWORKS
INDOOR
NIGHT SNAPSHOT

CUSTOM
Allows you to select your own preferred combination of settings and save them for quick access.

SHUTTER SPEED PRIORITY*
In this mode you can freeze a moving subject or create a blurred, flowing effect by controlling the shutter speed. The camera automatically selects the best aperture based on the available light.

APERTURE PRIORITY* ▼
You control the depth-of-field with this mode by setting the aperture. The camera then automatically selects the appropriate shutter speed for perfect exposure.

PROGRAM
The camera automatically sets both the shutter speed and aperture. You control all the other parameters such as white balance and flash.

MANUAL ▲
When you want complete control, this allows you to set all the parameters for your shot, including aperture, shutter speed and focus.

*Switching on the safety shift function protects against over or underexposure by automatically shifting the settings to compensate for the conditions – but only as far as necessary while staying as close to your intended effect as possible.

When the shooting stops the sharing starts.

You'll be proud of all your stills and movies with the PowerShot S2 IS, so when you want to print, share or email them, Canon technology makes it simple, quick and hassle-free.

**DIRECT PRINT, MOVIE PRINT, PERFECT PRINTS**

The PowerShot S2 IS is PictBridge compliant, meaning you can print directly to any PictBridge-compatible printer – with enough resolution to go all the way to A3 depending on your printer. All Canon SELPHY Compact Photo (CP) Printers and many of Canon's Pixma printers are supported. The camera's Movie Print feature allows you to either print a frame-by-frame index print of your movies on a single page (Sequence*), or select a specific frame and print it alone on a single sheet (Single).
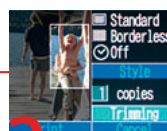
*Sequence print is only possible when using a Canon SELPHY CP printer

The PowerShot S2 IS has Hi-Speed USB 2.0 capability for even faster image data transfer.
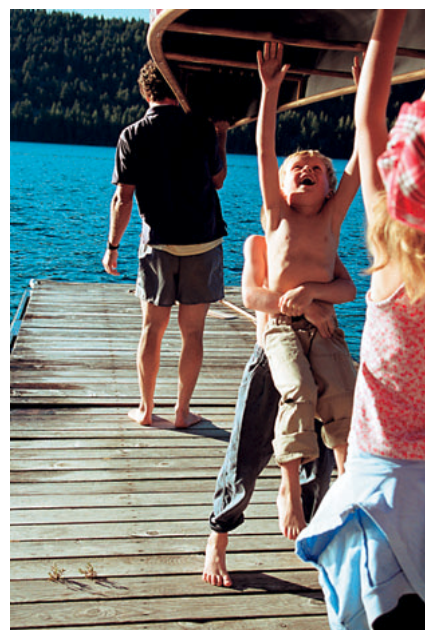
1 CONNECT
your camera directly to the printer.

2 SELECT
the image you want – crop or trim for maximum effect.

3 PRINT
your pictures in a variety of sizes.

PictBridge

IMAGE MANAGEMENT

High-performance software applications that let you manage and manipulate your images (both stills and movies) are included as standard with the PowerShot S2 IS. ZoomBrowser EX (for Windows) and ImageBrowser (for Mac) allow you to manage, archive, and retouch all your favourites. Integrated into this software is the RemoteCapture Task for taking pictures remotely via your computer, and the Edit Movie Tab, so you can edit and join your clips together just like a film director. PhotoRecord (Windows only) lets you create and print digital photo albums, with text, backgrounds, picture frames and more, all with easy step-by-step selections.
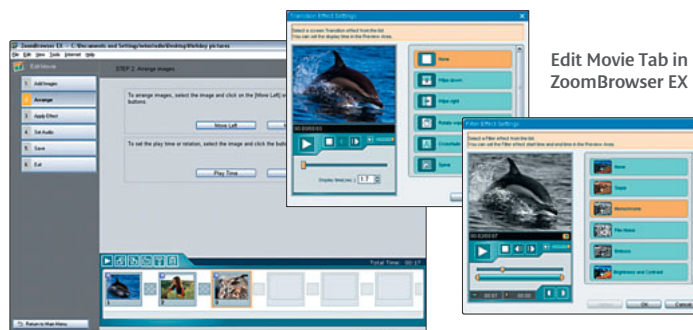
Edit Movie Tab in ZoomBrowser EX

CANON iMAGE GATEWAY[1] gives you 100MB of free online space for storing your images and movies[2] – perfect for sharing them all with friends and family.

CANON iMAGE GATEWAY

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

Take your experience even further.

The PowerShot S2 IS has a variety of optional and in-box accessories that can help expand your creative repertoire and truly enrich your shooting experience – printers, cases, lens converters and much more.

KIT CONTENTS

Neck Strap

Lens Cap

4 AA Alkaline Batteries

SDC-16M 16MB SD Card

Software:
Canon Solutions Disk
ArcSoft PhotoStudio
Apple Quick Time

IFC-400PCU
USB Interface Cable

STV-250N
Stereo Video Cable

OPTIONAL ACCESSORIES

DCC-90
Soft Case

SDC-512MSH
High Speed
SD Card

CBK4-200
NiMH Battery/Charger Kit
(includes battery charger and
4 NiMH NB4-200 batteries)

CA-PS700
AC Adapter Kit

HF-DC1
High Power Flash

Compliant with all
Canon Direct Print
compatible printers

Compliant with all
Canon Pixma printers
supporting PictBridge

Compliant with
all PictBridge
compatible printers

OPTIONAL LENS ACCESSORIES

648mm equivalent with Tele Converter

TC-DC58B
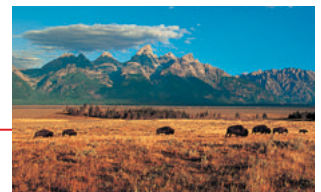1.5x Tele
Converter

432mm equivalent

LAH-DC20
Lens Adapter/
Hood Set

36mm equivalent

WC-DC58A
0.75x Wide
Converter

27mm equivalent with Wide Converter

500D
(58mm)
Close-up Lens

Specifications **PowerShot S2 IS**

IMAGE SENSOR

Type	1/2.5" CCD
Effective Pixels	Approx. 5.0M
Total Pixels	Approx. 5.3M
Aspect Ratio	4:3
Colour Filter Type	Primary Colour

IMAGE PROCESSOR

Type	DIGIC II with iSAPS technology

LENS

Focal Length	6.0-72.0mm (35mm film equivalent: 36–432mm)
Zoom	Optical 12x, digital approx. 4x, combined approx. 48x
Maximum f/number	f/2.7–f/3.5
Construction	11 elements in 9 groups (1 aspherical element, 1 UD element)
Image Stabilisation	YES (shift-type)
Ultrasonic Motor (USM)	YES, zoom

FOCUSING

Type	TTL
AF System/Points	1 point AF (any position is available)
AF Modes	Single, Continuous
AF Point Selection	Manual selection using FlexiZone AF/AE
Selected AF Point Display	Indicated on rear LCD monitor
AF Lock	On/Off Selectable
AF Assist Beam	YES (on/off)
Manual Focus	YES
Focus Bracketing	YES
Closest Focusing Distance	0cm

EXPOSURE CONTROL

Metering Modes	Evaluative, Centre-weighted average, Spot (centre or linked to focusing frame)
AE Lock	YES
Exposure Compensation	±2 EV in 1/3 stop increments
AEB	1/3–2 EV in 1/3 stop increments
ISO Speed Equivalent	AUTO, 50, 100, 200, 400

SHUTTER

Type	Mechanical shutter & electronic shutter
Speed	15–1/3200 sec (Slow Shutter speeds of 1.3 sec and more, available in Manual and Shutter Priority AE modes only. Shutter speeds of 1.3 sec and more operate with noise reduction. Certain combinations of shutter speed and aperture may not be available.)

WHITE BALANCE

Type	TTL
Settings	Auto, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Flash, Custom

COLOUR MATRIX

Type	sRGB

VIEWFINDER

Viewfinder	EVF (0.33" type), approx. 115,000 pixels
Coverage (Vertical/Horizontal)	100%
Eyepoint	10mm
Dioptre Correction	-5.5–1.5 dpt
Viewfinder Information	Full information

LCD MONITOR

Monitor	Vari-angle 1.8" Low temperature P-Si TFT, approx. 115,000 pixels
Coverage	100%
Brightness	Adjustable to one of two levels

FLASH

Modes	Auto, Manual Flash On/Off
X-Sync	1/500 sec (max)
Slow Sync Speed	YES
Red-eye Reduction	YES
Flash Exposure Compensation	±2 EV in 1/3 stop increments
Flash Exposure Lock	YES
Manual Power Adjustment	3 levels with internal flash
Second Curtain Synchronisation	YES
Built-in Flash Range	70cm–5.2m (W)/4.0m (T) (at ISO AUTO equivalent)
External Flash	Canon's High Power Flash

SHOOTING

Modes	Auto, Program AE, Shutter priority AE, Aperture priority AE, Manual, Custom, Portrait, Landscape, Night Scene, "My Colors", Stitch Assist, Movie, Special Scene mode (Foliage, Snow, Beach, Fireworks, Indoor, Night Snapshot)
Photo Effects	Vivid, Neutral, Low Sharpening, Sepia, Black & White, Custom, "My Colors" (9 settings)
Drive modes	Single, Continuous, Self-Timer
Continuous Shooting	High Speed at approx. 2.4 fps[1] (until memory card becomes full)[2] Normal at approx. 1.5 fps[1] (until memory card becomes full)[2]
Intervalometer	Up to 100 shots in 1–60 minute increments[2]

RECORDING PIXELS/COMPRESSION

Image Size	(L)2592 x 1944, (M1)2048 x 1536, (M2)1600 x 1200, (S)640 x 480
Compression	Superfine, Fine, Normal
Movies	(L)640 x 480, 30/15fps (M)320 x 240, 30/15fps
Movie Length	Up to 1GB or 60 min.

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
Movies	AVI [Motion JPEG compression + WAVE (stereo)]
Sound Files	WAVE (stereo)

DIRECT PRINT

Canon Printers	Canon SELPHY Compact Photo Printers and PIXMA Printers supporting PictBridge (ID Photo Print, Movie Print supported on SELPHY CP printers only)
PictBridge	YES

OTHER FEATURES

My Camera	Start-up image and camera sounds customisation
Sound Memo	Up to 60 sec per image
Intelligent Orientation Sensor	YES
Histogram	YES
Playback Zoom	2x–10x
Display Formats	Single/Index (9 thumbnail images)/Slide Show/Magnified/Movie
Image Erase Protection	Single image
Image Erase	Single image, All
Self Timer	Approx. 2 or 10 sec or Custom
Menu Categories	(1) Recording Menu, (2) Playback Menu, (3) Set-up Menu, (4) My Camera Menu, (5) Function Menu
Menu Languages	English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified Chinese, Chinese (traditional), Japanese, Russian, Portuguese, Korean, Greek, Polish, Czech, Hungarian, Turkish
Firmware Update	Update possible by the user

INTERFACE

Computer	USB 2.0 High Speed (Mini-B, PTP)
Other	A/V output (PAL/NTSC)

MEMORY CARD

Type	Secure Digital (SD) Card 16MB SD card supplied

SUPPORTED OPERATING SYSTEM

PC	Windows 98SE/Me/2000 SP4/XP/XP SP1-2
Macintosh	OS X v10.1.5–10.3

SOFTWARE

Browsing & Printing	ZoomBrowser EX (PhotoRecord)/ImageBrowser
Other	PhotoStitch, RemoteCapture
Drivers	TWAIN (Windows 98/2000), WIA (Windows Me)
Image Manipulation	ArcSoft PhotoStudio

POWER SOURCE

Batteries	4x AA-size Alkaline batteries (included), NiMH
Battery Life	Approx. 130 shots (with supplied batteries)[3], 210 min for movies Approx. 550 shots (with optional Canon NB-2AH batteries)[3], 300 min for movies Approx. 800 min playback (with supplied batteries) Approx. 900 min playback (with Canon NB-2AH batteries)
Power Saving	Display turns off after 10, 20, 30 sec, 1, 2, 3 min
A/C Power Supply	Optional, Power adapter CA-PS700

ACCESSORIES

Case	Soft Case DCC-90
Lenses	Tele-converter 1.5x TC-DC58B, Wide-converter 0.75x WC-DC58A, Lens adapter/Hood set LAH-DC20, Close-up lens 500D (58mm)
Flash	High Power Flash HF-DC1
Power Supply & Battery Chargers	Battery Charger Kit CBK4-200, Ni-MH Batteries NB4-200, Compact AC Power Adapter CA-PS700

PHYSICAL SPECIFICATIONS

Operating Environment	0–40°C, 10–90% humidity
Dimensions (WxHxD)	113.0 x 78.0 x 75.5mm (excluding protrusions)
Weight (body only)	Approx. 405g

1 Large/Fine with LCD monitor off
2 Depending on memory card speed/capacity
3 Based on the CIPA Standard and using the batteries and memory card format supplied with the camera, except where indicated

Some images are simulated for clarity of reproduction. All data is based on Canon standard testing methods except where indicated. Specifications are subject to change without notice. ™ and ®: All company and/or product names are trademarks and/or registered trademarks of their respective manufacturers in their markets and/or countries.