



PowerShot A80 Digital Camera

Canon

advanced simplicity™



Intuitive operation, feature packed performance.

Canon

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Canon Camera Museum

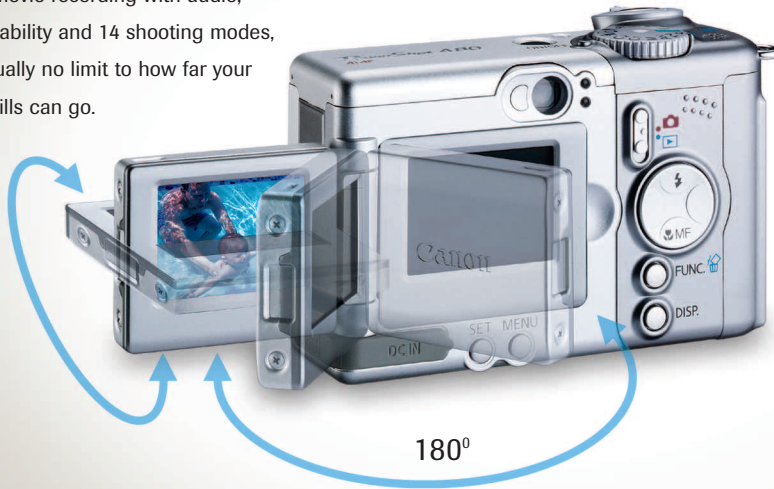
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PowerShot
DIGITAL CAMERA

PowerShot A80 Digital Camera

ADVANCED VERSATILITY

Digital technology has transformed the world of photography, giving you the freedom to shoot and share like never before. The PowerShot A80 has taken this freedom to an exciting new level, offering affordability and quality in one featured-packed and very stylish camera. With its advanced vari-angle LCD monitor, it offers greater composition control and ease of use. While its powerful Canon 3x optical zoom lens and high-resolution 4.0 Megapixel CCD, ensures outstanding image quality. Add to this its movie recording with audio, Direct Print capability and 14 shooting modes, and there's virtually no limit to how far your photography skills can go.



DIGIC PROCESSING TECHNOLOGY – EXCLUSIVE TO CANON

- Delivers images with outstanding definition and brilliant colour.
- Provides faster autofocus performance, improved overall processing speed and longer battery life.

SENSOR TECHNOLOGY

- Offers an amazing 4.0 Megapixels to capture outstanding quality detail.
- Ensures images remain crisp and clear, even when printed to A3 size.



LENS TECHNOLOGY

With a 68-year track record of innovation and a reputation as optical engineering experts, Canon has ensured that the quality and precision synonymous with its film cameras is carried through into digital photography.

- Using an advanced aspherical lens it produces sharp distortion-free images and allows macro (close up) photography up to 5cm.
- Lets you shoot everything from landscape to close up portraits using a 3x optical zoom (35mm film equivalent: 38 - 114mm).

VARI-ANGLE LCD

The vari-angle LCD gives even greater control over how you use your camera.

- Flips out and rotates 180 degrees so you can adjust your viewing angle.
- Offers the ability to compose perfectly framed self-portraits by simply flipping the LCD screen towards you.

VERSATILE PICTURE TAKING MODES

With its 14 advanced picture taking modes, the PowerShot A80 ensures you get the effect you want, every time.

- **Auto** – sets all the parameters, so you can just point and shoot.
- **Portrait** – uses a larger aperture for reduced depth-of-field, bringing the subject into focus while blurring background.
- **Landscape** – uses a smaller aperture to capture landscape scenes.



- **Night Scene Mode**
– captures background detail and the subject with ideal exposure for both.
- **Fast Shutter Mode** – selects rapid shutter speeds to let you freeze fast-moving subjects.
- **Slow Shutter Mode** – selects slow shutter speeds to let you add motion blur to images.
- **Stitch Assist Mode** – creates key lines in the viewfinder to use for guidance when aligning multiple frames. These can later be combined using PhotoStitch software to create impressive panoramic photos.



- **Movie Mode** – allows you to record and playback movies of up to three minutes, with full sound.



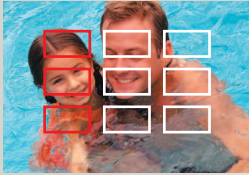
- **Program Mode** – selects aperture and shutter speed, you can set all other parameters.
- **Shutter Speed Priority Mode** – allows you to be more creative in your shots, choosing fast shutter speeds for action shots or slow shutter speeds to create motion blur – and automatically adjusts aperture to give you the perfect exposure.

- **Aperture Priority Mode** – lets you set the aperture so that depth-of-field can be controlled. The camera automatically adjusts shutter speed to give you perfect exposure.
- **Manual Mode** – allows aperture and shutter speeds to be selected manually to give you complete control over exposure. Ideal for special effects.
- **C1, C2 Custom Modes** – memorises your favourite settings so they can be instantly recalled with a simple turn of the shooting mode dial.

ZOOM

- Uses a powerful 3x optical and 3.6x digital zoom to get you in close to your subjects.

9-POINT AiAF



- Automatically selects one or more focusing points based on the position of the subject within the frame, so off-centre subjects can be brought into focus.

- Works in conjunction with iSAPS technology to quickly and accurately achieve autofocus under a wide variety of shooting conditions.



EASY TO USE SOFTWARE

■ ZOOMBROWSER EX

When it comes to storing images, emailing them to friends and selecting your favourites for printing, ZoomBrowser EX handles it all with ease. Just connect your PowerShot A80 to your computer and ZoomBrowser EX will automatically launch. Downloading your images is a breeze.



■ PHOTORECORD

Lets you create electronic photo albums, complete with captions, for printing or saving.

■ PHOTOSTITCH

Creates seamless panoramas from multiple images taken in PhotoStitch mode.

CANON DIRECT PRINT

You don't need a computer to print with the PowerShot A80. You can print on the spot using Canon's Direct Print function. Simply connect the camera to a Canon Direct Printer, select your image and print.

The PowerShot A80 is also PictBridge compatible, this enables all photo printers that support PictBridge to connect to the PowerShot A80.



OPTIONAL ACCESSORIES

The PowerShot A80 comes with a comprehensive range of accessories to help take your photographic skills even further. Here are just some of the optional accessories to choose from.



Adaptor kit
ACK-600



Battery charger
CBK-100



Soft Case
SC-PS600



Waterproof case WP-DC900

Makes the PowerShot A80 fully functional up to 40 metres underwater. Large buttons can be easily operated, even when wearing gloves.



Close-up lens 250D (52mm)

Allows you to capture exceptional close-up detail.



Wide converter lens WC-DC52

Captures a wider angle making it ideal for group portraits, outdoor panoramas and interior shots.



Tele converter lens TC-DC52A

Increases the PowerShot A80's focal length by 1.75x, allowing you to zoom in on distant subjects.

For each of these lenses, the conversion lens adaptor LA-DC52D is required.

PowerShot A80 Specifications

IMAGE SENSOR	1/1.8 inch CCD Effective Pixels Approx. 4.0 MP Total Pixels Approx. 4.1 MP Primary colour filter
IMAGE PROCESSOR	DiGIC
LENS	7.8 (W) - 23.4 (T)mm (35mm equivalent: 38 - 114mm) Maximum Aperture F2.8 (W) / 4.9 (T) 6 elements in 5 groups (including 2 aspherical lenses)
ZOOM	3.0x Optical Zoom 3.6x Digital Zoom Approx. Combined Zoom 11x
FOCUSING METHOD	TTL Autofocus 9-point AiAF/1-point AF 1-point AF: Centre Manual focus available, Manual Focus sets AF Lock
FOCUSING RANGE	Normal 45 cm - infinity Macro 5cm - 45 cm (W), 25cm - 45 cm (T) Manual Focus 5 cm - infinity, 25 cm - infinity
LIGHT METERING / EXPOSURE	Evaluative / Centre-weighted average / Spot (centre) Exposure Control Method: Program AE / Shutter speed-priority AE / Aperture priority AE / Manual exposure Exposure Compensation +/- 2 stops in 1/3-stop increments ISO Speed: Auto / ISO 50 / 100 / 200 / 400 equivalent
SHUTTER SPEED	15 - 1/2,000 sec.
WHITE BALANCE	TTL White Balance Auto + Pre-set (Daylight / Cloudy / Tungsten / Fluorescent / Fluorescent H) + Custom
LCD MONITOR/VIEWFINDER	Real-image zoom viewfinder 1.5 inch amorphous silicon TFT colour LCD (Vari-angle type)
FLASH	Modes Auto*/On*/Off * Red-eye reduction is available. Flash Range Normal: 45cm - 4.4m (W), 45cm - 2.5m(T) Macro: 25 - 45cm (at ISO: AUTO) Manual Flash Output Setting: 3 step manual setting of flash output
SHOOTING MODES	Auto / Creative zone (Program / Shutter speed priority / Aperture priority / Manual / Custom 1 / Custom 2) / Programmed image control zone (Portrait / Landscape / Night Scene / Fast shutter / Slow shutter / Stitch Assist / Movie) Photo effects (Vivid / Neutral / Low sharpening / Sepia / Black & White)
CONTINUOUS SHOOTING	High Speed: Approx. 2.4 shots/sec. (shooting speed can be maintained up to 5 images) Normal: approx. 1.6 shots/sec. (shooting speed can be maintained up to 8 images) (Large/Fine mode, when LCD monitor is turned off)
RECORDING PIXELS	Still Images Large 2272 x 1704 Medium 1 1600 x 1200 Medium 2 1024 x 768 Small 640 x 480 (selectable compression of SuperFine, Fine, Normal) Movie Images Medium (QVGA) 320 x 240 Small (QQVGA) 160 x 120 Movies shot at 15fps for up to 3 mins, depending upon CF card type and capacity

FILE FORMAT	Still images: JPEG (Exif 2.2 compliant) / Design rule for Camera File system, Digital Print Order format (DPOF) version 1.1 compliant [Movie AVI (Motion JPEG + WAVE (monaural), sound memo: WAVE (monaural)]
DIRECT PRINTING	Canon Card Photo Printers and Bubble Jet Printers with the Canon Direct Print function. Canon Bubble Jet Printers and Multifunction Machines with Card Direct function see www.canon.com.au/directprinting Pictbridge compatible printers
OTHER FEATURES	Playback Operations: Single / Index (9 thumbnail images) / Slide Show / Movie Special Replay - Next frame, Previous frame, Fast forward, Rewind, First frame and Last frame / Magnify (2x- 10x) My Camera setting: Start-up image/ Start-up sound/ Shutter sound/ Operation sound and Self-timer sound (Creation of on-camera content) 12 languages (English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Chinese and Japanese) Self-timer: Approx. 2 sec. or 10 sec. count-down
INTERFACE	USB, Audio/Video output (PAL/NTSC)
MEMORY CARD	CompactFlash™ card (Type 1)
SUPPORTED OPERATING SYSTEMS	Windows 98 (including SE)/ME/2000/XP Mac: OS 9.0 - 9.2, OS X (Version 10.1/10.2)
POWER SOURCE	4 X Alkaline AA Size batteries, 4 X NiMH AA Size rechargeable batteries (NB-1AH is recommended), optional AC adaptor
OPERATING ENVIRONMENT	Temperature 0 - 40 °C Humidity 10 - 90 %
DIMENSIONS (W X D X H)	103.1 x 64.6 x 34.7mm
WEIGHT	Approx. 250g (camera body only)
STANDARD ACCESSORIES AND SOFTWARE	Wrist Strap WS-200, 4 x AA Alkaline Batteries, 16MB Compact Flash Card, AV Cable AVC-DC100, USB Interface Cable IFC-300PCU, Camera User Guide, Software Starter Guide, Quick Start Guide, Digital Camera Solution Disk - ZoomBrowser EX, PhotoRecord, ImageBrowser, PhotoStitch, RemoteCapture, WIA and TWAIN Driver, USB Mounter, Adobe Acrobat Reader, Apple QuickTime, ArcSoft Camera Suite.
OPTIONAL ACCESSORIES	AC Adaptor Kit ACK-600, NiMH Battery and Charger Kit CBK100 and NB4-100, Conversion Lens Adaptor LA-DC52D, Tele-Conversion lens TC-DC52A, Wide Converter WC-DC52, Close-up lens 250D 52mm, Waterproof Case WP-DC900 Soft Case SC-PS600, AV Cable AVC-DC100, Direct Interface Cable DIF-100 for CP Printers, USB Interface Cable IFC-300PCU, CP Direct Digital Photo and Bubble Jet Direct Printers

All data is based on Canon's standard testing methods. Canon reserves the right to change specifications without notice.

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