

PowerShot A400 Digital Camera

DiG!C

DIRECT
PRINT

Exif Print

PictBridge

Canon

advanced simplicity®



The easy way to capture great shots, in style.

Canon

Canon Australia Pty. Ltd.
ABN 66 005 002 951

1 Thomas Holt Drive,
North Ryde, NSW 2113, Australia
Freecall: 1800 021 167
Facsimile No: + 61 2 9805 2632

Canon New Zealand Limited
Akoranga Business Park, Akoranga Drive
Northcote, Auckland, New Zealand
Freecall: 0800 222 666
Facsimile No: + 64 9 489 0380

canon.com.au
canon.com.nz
canon.com.au/digitalimage

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PowerShot
DIGITAL CAMERA

PowerShot A400 Digital Camera

THE PERFECT DIGITAL CAMERA FOR FIRST TIME USERS

The PowerShot A400 offers the perfect combination for first time digital camera users – easy to use features and excellent image quality. With the PowerShot A400, you learn as you go, and have fun all the way. See how easy it is to print photos straight from your camera¹, instantly review your shots and experiment with image editing software. With its sleek capsule design the PowerShot A400 looks great too.

ADVANCED LENS, SENSOR AND PROCESSOR TECHNOLOGY

- Features a Canon 2.2x optical zoom lens, enabling you to get closer to your subject (35mm equivalent: 45–100mm).
- Ensures sharp images with its bright Canon f/3.8 lens.
- Includes digital zoom, so you can zoom in even further.
- Shoots as close as 5cm in Macro mode.



CANON'S FORMULA FOR AMAZING DIGITAL PHOTOS

High-performance
Canon lens +



CCD



+ high-performance
image processing



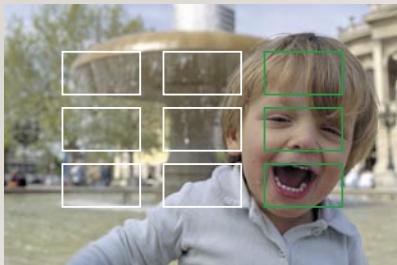
- Captures crisp images via its 3.2 Megapixel CCD, producing sharp photo prints up to A4 size.

- Features the DiGIC Image Processor, unique to Canon, which delivers exceptionally high picture quality, focusing accuracy and processing speed. It also provides longer battery life and fast continuous shooting.

¹With a compatible photo printer

9-POINT AiAF

Widens the focusing area ensuring even off-centre subjects are perfectly focused.



INTELLIGENT ORIENTATION SENSOR

Automatically detects whether the camera is positioned horizontally or vertically at the time of shooting. This ensures images are properly orientated when reviewed on the camera's LCD screen or a computer monitor.



QUICK SHOT FUNCTION

Shortens the time delay between the shutter button being pressed and the shutter being released, so you won't miss a shot.

MOVIE MODE

Create fun 3 minute movie clips with sound.



SPECIAL SCENE MODES

Simply select the desired pre-set scene setting. Choose from:



■ **Portrait** – Ensures your subject is sharply focused and the background beautifully blurred.



■ **Foliage** – Captures brilliant shots of autumn foliage or greenery.



■ **Night Scene** – Makes a challenging situation easy by properly illuminating both subject and background.



■ **Snow** – Shoots clear snow scenes without darkened subjects and bluish tint.



■ **Underwater** – Optimises white balance for underwater photography, minimising blue tint for more natural colours.



■ **Fireworks** – Allows for great shots of skyrocketing fireworks.



■ **Indoor** – Reduces blur and improves colour accuracy when shooting hand-held indoors with typical room lighting.



■ **Beach** – Lets you get clear shots of people at a sunny beach without darkened faces.

CANON DIRECT PRINT

Who needs a computer to print instant outstanding photos? Just plug your PowerShot A400 into any Canon Compact Photo printer or Bubble Jet Direct Photo printer, press the Print/Share button* and your photo will be ready in minutes. Simple!

1 Connect



2 Select

3 Print

The PowerShot A400 also connects directly to any PictBridge compatible photo printer.

■ **Print/Share Button*** – Send images to print or download them onto your computer with the touch of a button.



■ **ID Photo Print** – Crop images to print ID/passport size photos from Canon Compact Photo printers.



■ **Movie Print** – Print a series of sequential stills from your movie on a single sheet of paper using Canon Compact Photo printers.



■ **Postcard Date Imprint Mode**
– This handy feature lets you include the date on your photos.



USER-FRIENDLY SOFTWARE

■ **ZoomBrowser EX** – Downloads your shots so they can be stored, emailed or selected for printing. Just connect your PowerShot A400 to your computer, and ZoomBrowser EX will automatically launch.



■ **PhotoRecord** – Helps you create photo album pages, complete with captions and graphics, which can be printed and bound into a personalised album to share with family or friends.



■ **PhotoStitch** – Automatically 'stitches' together a series of shots to create a seamless panoramic image – particularly effective when used in conjunction with the camera's Stitch Assist mode.



A RANGE OF OPTIONAL ACCESSORIES

■ **All Weather Case AW-DC20**
– Waterproof down to a 3-metre depth.



■ **Battery & Charger Kit CBK4-200**
– AA-size rechargeable batteries and charger.



■ **AC Adaptor Kit ACK-800**
– Allows connection to AC power, recommended during downloading and direct printing.



■ **Metallic Neck Strap**
■ **Soft Case SC-PS900**



PowerShot A400 Specifications

CCD		RECORDING PIXELS – STILL IMAGES	
Size	1/3.2 inch	Large	2048 x 1536
Effective Number of Pixels	Approx. 3.2 MP	Medium 1	1600 x 1200
Total Number of Pixels	Approx. 3.3 MP	Medium 2	1024 x 768
Filter Array	Primary colour filter (Bayer)	Small	640 x 480
IMAGE PROCESSOR		Postcard Date Imprint	
Processor	DiGIC	1600 x 1200, compression is set to Fine	
LENS		RECORDING PIXELS – MOVIE IMAGES	
Focal Length (optical)	5.9 (W) – 13.2 (T) mm	Large (VGA)	640 x 480 10 fps
35mm Film Equivalent	45 (W) – 100 (T) mm	Medium (QVGA)	320 x 240 15 fps
Maximum Aperture	f/3.8 (W/T)	Small (QQVGA)	160 x 120 15 fps
Construction	9 elements in 7 groups	Frames Per Second	10 or 15 depending on resolution
Optical Zoom	Approx. 2.2x	OTHER OPERATIONS	
Digital Zoom	Approx. 3.2x	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) / auto vertical and horizontal image orientation with Intelligent Orientation Sensor / still histogram display.
Max Combined Zoom	Approx. 7x	File Operations	DPOF – Print Order / Image transfer, Movie – unnecessary scenes can be erased, Sound Annotations – max. record/play time is approx. 60 sec.
Focusing Method	TTL Autofocus 9-point AiAF / 1-point AF* *Focusing frame is centre fixed	Direct Printing	Yes
FOCUSING RANGE		PictBridge	Yes
Normal	47cm–infinity	Print / Share Button	Yes
Macro	5–47cm (W), 30–47cm (T)	ID Photo Print	Yes (with compatible Canon Compact Photo printers)
CONTROL / BALANCE		Movie Print	Yes (with compatible Canon Compact Photo printers)
Light Metering Method	Evaluative, Centre-weighted average, Spot *Metering frame with Spot mode is center fixed	Camera Settings	Start-up image / Start-up sound / Shutter sound / Operation sound / Self-timer sound
Exposure Control Method	Program AE	Menu Languages	14 languages (English, German, French, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, simplified Chinese, Russian, Portuguese and Japanese)
Exposure Compensation	± 2 stops in 1/3-stop increments	Self-timer	Approx. 2 sec. or 10 sec. count-down
White Balance Control	TTL White Balance	INTERFACE	
White Balance Modes	Auto, Pre-set (Daylight / Cloudy / Tungsten / Fluorescent / Fluorescent H), Custom	Computer I / F	USB
Shutter Speed	1–1/1500 sec.	Video Output	PAL or NTSC selectable
Sensitivity (Equivalent Film Speed)	Auto / ISO 50 / 100 / 200 / 400 equivalent	Audio Output	Monaural
LCD MONITOR / VIEWFINDER		Memory Storage	SD Memory Card
Viewfinder	Real-image optical zoom viewfinder	Supplied Memory	16MB
LCD Monitor	1.5 inch Low-temperature polycrystalline silicon TFT colour LCD	SUPPORTED OPERATING SYSTEMS	
FLASH		PC	Windows® 98 (including SE) / ME / 2000 / XP
Flash Modes	Auto*, On*, Off *Red-eye Reduction is available	Mac	OS 9.0–9.2, OS X (Version 10.1 / 10.2 / 10.3)
Flash Range	47cm–2.0m (W/T), 30–47cm (Macro)	POWER SOURCE	
(at ISO equivalent)	Auto	Battery	AA Alkaline battery (x2) or AA rechargeable NiMH battery (x2) (NB-2AH is recommended)
SELECTABLE SHOOTING MODES		Optional Charger / AC Adaptor	CBK4-200 / AC Adaptor Kit ACK-800 (contains CA-PS800)
Shooting Modes	Auto, Manual, Stitch Assist, Movie Special Scene modes: Portrait, Night Scene, Foliage, Snow, Beach, Fireworks, Underwater, Indoor	DIMENSIONS / WEIGHT	
Photo Effects Mode	Vivid, Neutral, Low sharpening, Sepia, Black & White	Temperature	0–40°C
CONTINUOUS SHOOTING		Humidity	10–90%
Normal	Approx. 1.3 shots / sec (shooting speed can be maintained up to 12 images)	Dimensions (W x H x D)	107 x 53.4 x 36.8mm (excluding protrusions)
[Large / Fine mode, when LCD monitor is turned off]		Weight	Approx. 165g (camera body only)
IMAGE RECORDING FORMAT		INCLUDED ACCESSORIES AND SOFTWARE	
Image File Format	Design rule for camera file system, DPOF Version 1.1 compliant	– Wrist Strap WS-200, 2 x AA Alkaline Batteries, 16MB SD Memory Card, AV Cable AVC-DC300, USB Interface Cable IFC-400PCU, Camera User Guide, Software Starter Guide, Quick Start Guide, Direct Print Guide.	
Still Image	JPEG (Exif 2.2 compliant)	– Canon Digital Camera Solution Disc	
Movie	AVI Image data: Motion JPEG	– ArcSoft Camera Suite Disc	
Sound Annotation / Audio Data	WAVE (monaural)		
JPEG Compression Levels	Superfine / Fine / Normal		

All data is based on Canon's standard testing methods.

Canon reserves the right to change specifications without notice.

*Compatible printer required for Direct Printing. Compatible Windows computer required for direct download.

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