# PowerShot A620 and PowerShot A610 Digital Cameras

# Canon

### advanced simplicity®



**High-resolution digital cameras
packed with incredible shooting features.**

## PowerShot
# DIGITAL CAMERA

| 7.1/5.0 MEGA PIXELS | 4x OPTICAL ZOOM | VARI-ANGLE 2.0" LCD | 22 SHOOTING MODES | Movie | DiG!C II |

## SMALL, COMPACT AND FULL OF FEATURES

Packed with features, the PowerShot A620 and PowerShot A610 capture the precious moments of your life and transform them into your most memorable photos. The 7.1 Megapixel PowerShot A620 and 5.0 Megapixel PowerShot A610 offer brilliantly detailed images and thanks to Canon's revolutionary DiG!C II image processor, they're so fast you'll never miss a shot. These easy-to-use cameras may be compact, but they feature 22 versatile shooting modes – making it easier to take breathtaking shots.

## CANON'S FORMULA FOR AMAZING DIGITAL PHOTOS

| High-performance 4x optical zoom lens | + | 7.1/5.0 Megapixel CCD | + | High-performance DiG!C II image processor |
|---|---|---|---|---|



## DiG!C II DELIVERS SPEED AND DETAIL

The purpose-built DiG!C II image processor is a single chip that acts as the brain of the camera. DiG!C II offers super fast start-up and autofocus. It also enables continuous shooting at a constant speed, no matter how many shots you take.[†] Most importantly, DiG!C II delivers brilliant images with greater clarity and accurate colour.



## GET CLOSE WITH 4X OPTICAL ZOOM

Shoot everything from landscapes to close-up portraits with a high quality Canon 4x optical zoom lens (35mm film equivalent: 35 – 140mm). You can even shoot subjects in perfect detail from as close as 1cm with Macro mode.



[†]Until SD memory card becomes full. Low level format may be required.
 Depends on memory card speed/capacity and shooting resolution and compression.

## VERSATILE SHOOTING MODES

A range of pre-set shooting options means you can enjoy superior results every time. Simply point and shoot with Auto mode, or experiment with one of the numerous built-in shooting modes that automatically adjust to the optimum setting for the selected scene.


Landscape


Portrait


Snow


Kids & Pets


Night Snapshot


Underwater


Indoor


Beach


Fireworks


Night Scene


Foliage

## ADVANCED SHOOTING MODES

When you want to create different effects or you're shooting in unusual conditions, adjust the manual settings yourself. Settings such as Program, Shutter Speed Priority and Aperture Priority will give you total control over any shot – perfect for creative photography.

## GET CREATIVE WITH COLOUR

The PowerShot A620 and PowerShot A610 offer My Colours and Photo Effects features, allowing you to explore a diverse range of colour settings. Have some fun – take sepia shots, make brilliant blues or vivid greens, or even create colour accents when shooting in black and white.


Without Colour Accent


With Colour Accent


Sepia

## CREATE YOUR OWN STUNNING PANORAMAS

Use the built-in Stitch Assist mode to create seamless panoramas that stretch across 360 degrees.



Stitch Assist

## MAKE YOUR OWN MOVIES

Take advantage of the PowerShot A620 and PowerShot A610's movie recording by capturing the movement and sound of special moments you want to share with others.

## PRINT PHOTOS WITH EASE

You no longer need a computer to print your photos. Simply connect your camera to a Canon Bubble Jet Direct printer, Canon Compact Photo printer or compatible PictBridge printer, then select your image and press the 'Print/Share' button* Simple.
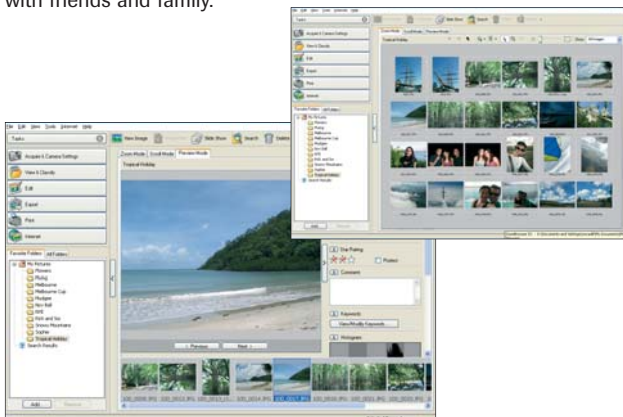
With their high resolution 7.1 and 5 megapixel CCDs, you can even print up to A3+ size with superb detail.



Print/Share button

3 Print        1 Connect

2 Select

*Compatible printer required for Direct Printing.

## EASY-TO-USE SOFTWARE

The PowerShot A620 and PowerShot A610 come complete with software that makes it easy to download, edit and store your shots. You can even create digital photo albums and slide shows to share with friends and family.



ZoomBrowser EX

## OPTIONAL ACCESSORIES

**Waterproof Case WP-DC90 (up to 40m)**

**High-Power Flash HF-DC1**

**Tele-Converter Lens TC-DC58N (1.75x)\***

**Wide Converter Lens WC-DC58N (0.7x)\***

**Metallic Neck Strap**

**Battery and Charger Kit CBK4-200**

**Soft Case SC-A3**

**Want to know more? Visit canon.com.au**

\*Conversion Lens Adaptor LA-DC58F is required.

# POWERSHOT A620 AND A610 SPECIFICATIONS

**CCD**

| | |
|---|---|
| Size | 1/1.8 inch |
| Effective Pixels | Approx. 7.1 MP (A620) |
| | Approx. 5.0 MP (A610) |
| Filter Type | Primary colour filter (Bayer) |

**IMAGE PROCESSOR**

| | |
|---|---|
| Processor | DiG!C II |

**LENS**

| | |
|---|---|
| Focal Length (Optical) | 7.3(W) – 29.2(T)mm |
| 35mm Film Equivalent | 35 – 140mm |
| Maximum Aperture | f/2.8(W) – f/4.1(T) |
| Shutter Speed | 15 – 1/2500 sec. |
| Optical Zoom | Approx. 4x |
| Digital Zoom | Approx. 4x |

**FOCUSING**

| | |
|---|---|
| Focusing Method | TTL 9-point AiAF/1-point AF (fixed to centre or active frame control, selectable Manual focus, AF Lock available) |
| Focusing Range | Normal 45cm – infinity |
| | Macro 1 – 45cm(W), |
| | 24 – 45cm(T) |
| | Manual 1cm – infinity(W) |
| | 25cm – infinity(T) |

**CONTROL/BALANCE**

| | |
|---|---|
| Light Metering Method | Evaluative / Centre-weighted average / Spot (Metering frame when Spot: fixed to centre or linked to AF frame, selectable) |
| Exposure Control Method | Program AE / Shutter speed-priority AE / Aperture-priority AE / Manual |
| Exposure Compensation | ± 2 EV in 1/3-stop increments |
| White Balance Modes | Auto + Pre-set (Daylight / Cloudy / Tungsten / Fluorescent / Fluorescent H) + Custom |
| ISO Equivalent Film Speed | Auto / ISO 50 / 100 / 200 /400 |

**LCD MONITOR/VIEWFINDER**

| | |
|---|---|
| Viewfinder | Real-image optical zoom |
| LCD Monitor | 2.0 inch Low-temperature polycrystalline silicon TFT colour LCD (vari-angle) |

**FLASH**

| | |
|---|---|
| Flash Modes | Auto*, On*, Off |
| | *Red-eye reduction is available |
| Flash Range | Normal 45cm – 4.2m(W), |
| (at ISO Auto equiv.) | 45cm – 3.0m(T) |
| | Macro 25 – 45cm(W/T) |

**SHOOTING MODES**

Auto / Creative Zone: P, Tv, Av, M, C / Image Zone: Portrait, Landscape, Night Scene, Special Scene Mode: (Night Snapshot, Kids & Pets, Indoor, Foliage, Snow, Beach, Fireworks, Underwater) / Stitch Assist / Movie (Standard, Large, Compact, My Colours)

**MY COLOURS**

Positive Film / Lighter Skin Tone / Darker Skin Tone / Vivid Blue / Vivid Green / Vivid Red / Colour Accent / Colour Swap / Custom Colour

**PHOTO EFFECTS MODE**

Vivid, Neutral, Low sharpening, Sepia, Black & White

**CONTINUOUS SHOOTING**

A620 Approx. 1.9 shots/sec (Large / Fine mode)
A610 Approx. 2.4 shots/sec (Large / Fine mode)

**IMAGE RECORDING COMPRESSION**

| | |
|---|---|
| Still image | JPEG (Exif 2.2 compliant) |

All data based on Canon's Standard Test Method.
All specifications may change without notice.

| | |
|---|---|
| Movie | Video data: Motion JPEG / Audio: WAVE (monaural) |
| JPEG Compression Levels | Superfine / Fine / Normal |

**STILL IMAGES RECORDING PIXELS**

| | A620 | A610 |
|---|---|---|
| Large | 3072 x 2304 | 2592 x 1944 |
| Medium 1 | 2592 x 1944 | 2048 x 1536 |
| Medium 2 | 2048 x 1536 | 1600 x 1200 |
| Medium 3 | 1600 x 1200 | |
| Small | 640 x 480 | 640 x 480 |

**MOVIE RECORDING PIXELS & CAPACITY**

| | |
|---|---|
| Large | 640 x 480 30fps and 15fps [Up to 60 minutes or 1GB whichever comes first†] |
| Middle | 320 x 240 30fps and 15fps [Up to 60 minutes or 1GB whichever comes first†] |
| | 320 x 240 60fps [max. approx. 1 min per recording] |
| Small | 160 x 120 15fps [max. approx. 3 min per recording] |

† When using a high-speed SD memory card.
Low-level format may be required

**OTHER OPERATIONS**

| | |
|---|---|
| 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 / Still histogram display / Transition effects |
| PictBridge | Yes |
| Camera Settings | Start-up image / Start-up sound / Shutter sound / Operation sound and Self-timer sound |
| Menu Languages | 22 languages |
| Self-timer | Approx. 2 sec. or 10 sec. count-down or custom |

**INTERFACE**

| | |
|---|---|
| Computer I/F | USB 2.0 Hi-Speed |
| Video Output | PAL or NTSC selectable |
| Audio Output | Monaural |
| Memory Storage | SD Memory Card / MultiMediaCard |

**SUPPORTED OPERATING SYSTEMS**

| | |
|---|---|
| PC | Windows 98SE / ME / 2000 (SP4) / XP (SP1, SP2) |
| Mac | OS X (Version 10.2-10.4) |

**POWER SOURCE**

AA Alkaline battery (x4) or AA rechargeable NiMH battery (x4) (NB-2AH is recommended)

**INCLUDED IN THE BOX**

Wrist Strap, 32MB SD Memory Card (A620), 16MB SD Memory Card (A610), 4 x AA Alkaline Batteries, AC Cable, AV Cable AV-DC300, USB Interface Cable IFC-400PCU, Canon Digital Camera Solution Disc

**OPERATING ENVIRONMENT**

| | |
|---|---|
| Temperature | 0 – 40°C |
| Humidity | 10 – 90% |

**DIMENSIONS (W X H X D)**

104.8 x 66 x 49.1mm (ex protrusions)

**WEIGHT**

Approx. 235g (camera body only)

Comparative and simulated images are for illustrative purposes only.

**DiG!C II**

**PictBridge**

CAN0722