

Steve's Digicams



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Click to take a QTVR tour of the A620

The compact and lightweight PowerShot A620 and A610 digital cameras feature a sleek new body design, 7.1 and 5.0 megapixel CCDs respectively, 4x optical zoom lens, Canon's exclusive high-performance DIGIC II image processor and a 2.0-inch vari-angle color LCD screen.

The A620 and A610 digital cameras have reduced the autofocus time by an impressive 60% and improved focusing ability by two full stops in low light conditions compared to their predecessor. DIGIC II also makes the most of the cameras' superb all-glass Canon optics and high resolution CCD sensors to deliver exceptional image quality with vibrant yet natural color, low noise and fine detail.

The A620 and A610 digital cameras are equipped with a 9-point AiAF "Smart" autofocus system and 20 shooting modes. The standard Shooting Modes are Full Auto, Program, Shutter-priority, Aperture-priority, Manual, and Custom with additional modes including Portrait, Landscape, Night Scene, My Colors, Special Scene (including Night Snapshot, Kids and Pets, Indoor, Foliage, Snow, Beach, Fireworks and Underwater), Stitch Assist and

Movie. Both models are capable of recording 30 fps VGA movies with sound for up to 1GB per clip and 60fps QVGA fast frame rate movies for up to 60 seconds a clip.

Whether it is raising your camera above your head to get a shot of your child at her first dance recital or dropping your camera below your knees to watch your baby crawl for the first time, the large 2.0-inch vari-angle color LCD screen increases the ability to get those hard to view, but essential shots. The A620 and A610 digital cameras use four AA batteries, while providing more shots (up to 500 with LCD screen on, based on CIPA standards when using rechargeable NiMH batteries) than previous models, thanks to reductions in power consumption made possible by improvements in key components and circuit design.

The proprietary DIGIC II imaging processor enhances picture definition, vibrancy and quality, while helping increase the speed of the cameras' startup, autofocus, shutter response, playback and image processing speed and reducing power consumption by 35% compared to the original DIGIC chip. Image transfer speed is accelerated thanks to the inclusion of a Hi-Speed USB 2.0 port. The USB 2.0 port is backwards compatible (at no increased speed) with computers featuring standard USB 1.1 connections .

Like all PowerShot digital cameras, Canon's new A-series cameras work seamlessly with Canon's petite SELPHY Compact Photo Printers – an essential PowerShot accessory. Consumers simply connect their PowerShot digital camera to a SELPHY printer – such as the new SELPHY CP510, CP710 and CP600 models – press the lighted Print/Share button, and within 58 seconds, images emerge -- it's that simple. At 28 cents-per-print, printing photos directly from a digital camera is both easy and affordable.

Optional accessories include NiMH Rechargeable Battery Kit NB4-200, Battery and Charger kit CBK4-200, AC Adapter Kit ACK600, Soft Compact Case PSC-60, Waterproof Case WP-DC90, High Power Flash HF-DC1, Conversion Lens Adapter LA- DC58F and the choice of wide-angle, telephoto and macro supplementary lenses. (These are the same supplementary lenses used by Canon's high-end PowerShot G6 digital camera.)

Powershot A620 Features:

- 7.1 Megapixel CCD imager for up to 3072x2304 pixel images
- Postcard (1600x1200) mode with 3:2 ratio for making 4x6" prints
- 4x optical 35-140mm f/2.8-4.1 zoom, 4x digital zoom
- 2.0" vari-angle color LCD with up to 10x playback zoom
- Advanced TTL AiAF 9-point autofocus system
- Program AE, Shutter-speed priority, Aperture priority and Manual modes
- Pre-programmed creative scene modes for beginners
- Movie mode w/sound, 640x480 30fps up to 1GB
- 1.9fps Continuous burst capture of Large/Fine images
- Evaluative metering on focus point, Center-weighted or Spot options
- Stitch Assist mode for perfect panoramas
- Exposure compensation: +/-2EV in 1/3-step increments
- White Balance: Auto, 5 presets or Custom
- Orientation sensor that automatically detects vertical or horizontal shooting
- Low-light focus assist illuminator
- Light-guide zoom flash, angle changes with focal length
- Shutter speeds of 15 seconds to 1/2500 second
- Selectable ISO settings from 50 to 400
- Built-in microphone and speaker
- Powered by four standard AA type batteries
- Direct print and PictBridge Compatible
- USB 2.0 high-speed connectivity for PC and Mac
- Secure Digital/MMC memory cards, 32MB supplied
- Optional wide angle and telephoto lens adapters
- Optional High-Power Flash HF-DC1
- Optional Waterproof Housing

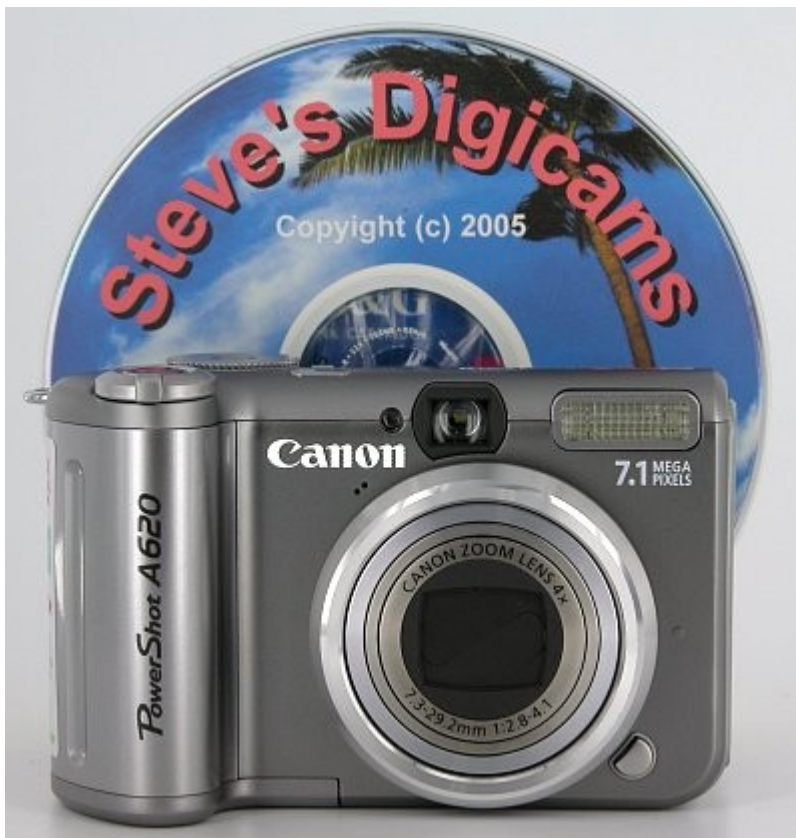
The PowerShot A620 and A610 Kits will include a full set of Canon's powerful yet easy-to-use digital camera software, featuring the latest versions of ZoomBrowser EX,

ImageBrowser, PhotoStitch and PhotoRecord, as well as ArcSoft PhotoStudio. Supplied accessories include Interface Cable IFC-400PCU, AV Cable AVC-DC300, Wrist Strap WS-200, four AA-size alkaline batteries, and a multimedia card MMC-32M (A620 model) and MMC-16M (A610 model). The Canon PowerShot A620 and A610 Digital cameras will be available in September for estimated selling prices of \$399.99 and \$299.99.

Physical Views







The A620 compared to an average CD disc.



The Powershot A620 and the 5-megapixel Powershot A610.

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US Visitors

Canon PowerShot A620 Silver Digital Camera

	Shop at	Price	Seller Rating	
		\$299.00	★★★★☆ 358 Reviews	Shop
		\$269.89	★★★★☆ 3856 Reviews	Shop
		\$263.00	★★★★★ 18087 Reviews	Shop
		\$299.99	★★★☆☆ 56 Reviews	Shop
		\$264.99	★★★★★ 8703 Reviews	Shop
		\$299.95	★★★★★ 3612 Reviews	Shop
		\$349.00	★★★★☆ 358 Reviews	Shop
		\$273.99	★★★★☆ 1941 Reviews	Shop
Compare Prices for All 45 Sellers (\$245.95 - \$399.00)				

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UK Visitors

Canon PowerShot A620 Silver Digital Camera				
	Shop at	Price (inc. VAT)	Seller Rating	
		£194.42	★★★★☆ 51 Reviews	Shop
		£211.49	★★★★☆ 484 Reviews	Shop
		£189.90	★★★★★ 7916 Reviews	Shop
		£206.16	★★★★★ 8 Reviews	Shop
		£216.01	★★★☆☆ 2 Reviews	Shop
		£212.97	Not Rated	Shop
		£192.78	★★★★★ 6 Reviews	Shop
		£207.79	★★★★★ 4 Reviews	Shop
Compare Prices for All 16 Sellers (£186.79 - £406.55)				

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Powershot A620 Specifications	
Camera Effective Pixels	Approx. 7.1 million
Image Sensor	1/1.8-inch CCD (Total number of pixels: Approx 7.4 million)
Lens	7.3 (W) - 29.2 (T) mm (35 mm film equivalent: 35 - 140 mm) f/2.8 (W) - f/4.1 (T)
Digital Zoom	Approx. 4.0x (Up to approx. 16x in combination with the optical zoom)
Optical Viewfinder	Real-image zoom viewfinder
LCD Monitor	2.0-inch, low-temperature polycrystalline silicon TFT color LCD, approx. 115,000 pixels
AF System	TTL autofocus AF lock and Manual focus are available Focusing frame: 9-point (AiAF) / 1-point (AF) (1-point focusing frame: any position is available)
Shooting Distance (from the front of lens)	Normal: 45 cm (18 in.) - infinity Macro: 1 - 45 cm (0.4 - 18 in.)(W) 25 - 45 cm (9.8 - 18 in.)(T) Manual focus: 1 cm (0.4 in.) - infinity (W) 25 cm (9.8 in.) - infinity (T)
Shutter	Mechanical shutter + electronic shutter
Shutter Speeds	15 - 1/2500 sec. * The shutter speed varies according to the shooting mode. * Slow shutter speeds of 1.3 sec. or slower operate with noise reduction.
Metering System	Evaluative, Center-weighted average or Spot (Center/AF point)
Exposure Compensation	±2.0 stops in 1/3-stop increments, Safety Shift is available
Sensitivity	Auto*, ISO 50/100/200/400 equivalent * Camera automatically sets the optimal speed.
White Balance	TTL auto, pre-set (available settings: Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H or Underwater) or custom
Built-in Flash	Auto*, on*, off * Red-eye reduction is available. FE Lock, Slow synchro/2nd-curtain flash and flash output settings are available.
Flash Range	Normal: 45 cm - 4.2 m (18 in. - 14 ft.) (W) 45 cm - 3.0 m (18 in. - 10 ft.) (T) Macro: 25 cm - 45 cm (9.8 in. - 18 in.) (W/T) (When sensitivity is set to AUTO.)
Flash Exposure Compensation	± 2.0 stops in 1/3-stop increments
Shooting Modes	Auto Creative zone: Program, Shutter-speed priority, Aperture priority, Manual, Custom Image zone: Portrait, Landscape, Night scene, Special Scene* ¹ , My Colors, Stitch Assist, Movie* ² 1: Night Snapshot, Kids&Pets, Indoor, Foliage, Snow, Beach, Fireworks and Underwater.

	2: Standard, Fast Frame Rate, Compact, My Colors.
Continuous Shooting	Approx. 1.9 shots/sec. (Large/Fine mode)
Self-timer	Activates shutter after an approx. 10-sec./approx. 2-sec. delay, Custom Timer
PC-controlled Shooting	Available (USB connection only. Exclusive software program is included in the camera kit.)
Recording Media	SD memory card/MultiMediaCard * This camera has been tested with SD memory cards through 2 GB. All memory card functions cannot be guaranteed.
File Format	Design rule for camera file system and DPOF compliant
Data Type	Still images: Exif 2.2(JPEG)*1 Movies: AVI (Image data: Motion JPEG; Audio data: WAVE (monaural))
Compression	Superfine, Fine, Normal
Number of Recording Pixels (Still images)	Large: 3072 x 2304 pixels Medium 1: 2592 x 1944 pixels Medium 2: 2048 x 1536 pixels Medium 3: 1600 x 1200 pixels Small: 640 x 480 pixels Postcard Date Imprint Mode: 1600 x 1200 pixels
Number of recording pixels (Movies)	Standard, My Colors: 640 x 480 pixels (30 frames/sec., 15 frames/sec.) 320 x 240 pixels (30 frames/sec., 15 frames/sec.) Recording can continue until the memory card is full* (can record up to a maximum of 1 GB at one time). Fast Frame Rate: (can record for 1 min.) 320 x 240 pixels (60 frames/sec.) Compact: (can record for 3 min.) 160 x 120 pixels (15 frames/sec.) * Using super high-speed memory cards (SDC-512MSH recommended).
Playback Modes	Single (histogram displayable), Index (9 thumbnail images), Magnified (approx. 10x (max.) in LCD monitor, advance or reverse through magnified images possible), Jump (jumps to every tenth or hundredth image, to the first image of those sharing a certain shooting date or to movies. In index playback mode, it displays 9 images at once.), Sound memos (up to 60 sec.), Auto Play or Movie (edit/slow motion play back possible).
Direct Print	PictBridge compliant, and Canon Direct Print and Bubble Jet Direct compatible
My Camera Settings	Start-up image, start-up sound, operation sound, self-timer sound, and shutter sound.
Interface	USB 2.0 Hi-Speed (mini-B), PTP (Picture Transfer Protocol) Audio/Video output (NTSC or PAL selectable, monaural audio)
Power Source	1. AA-size alkaline batteries (included in camera kit) 2. AA-size rechargeable NiMH batteries NB4-200 (sold separately) 3. AC Adapter Kit ACK600 (sold separately)
Operating Temperature	0 - 40 °C (32 - 104 °F)
Operating Humidity	10 - 90 %
Dimensions	104.8 x 66.0 x 49.1 mm (4.13 x 2.60 x 1.93 in.) (excluding protrusions)
Weight	Approx. 235 g (8.29 oz.) (camera body only)

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