

Specifications for canon digital camera a810(red)



Technical Details

Auto Focus Technology	<ul style="list-style-type: none">• Contrast Detect (sensor)• Multi-area• Center• Tracking• Single• Continuous• Face Detection
Autofocus Points	9
Battery Average Life	220 Photos
Color	Red
Continuous Shooting Speed	0.8 fps
Digital Zoom	4x
Display	LCD
Display Fixture Type	Fixed
Display Resolution Maximum	230000
Effective Still Resolution	16 MP
Expanded ISO Maximum	1,600
Expanded ISO Minimum	100
Exposure Control Type	<ul style="list-style-type: none">• Smart Auto• Program

	<ul style="list-style-type: none"> • Live View Control • Digital IS
External Memory Included	No
File Format	JPEG (Exif 2.3)
Flash Memory Type	SD/SDHC/SDXC
Flash Modes Description	Auto, Flash off, Flash on, Manual, Red-eye reduction, Slow synchronization
Flash Type	No
Flash Type	Built-In Flash
Focus Description	Contrast Detection
Focus Type	Autofocus Only
Form Factor	Compact
GPS	None
HDMI Type	No
ISO Range	Auto 100, 200, 400, 800, 1600
Image Aspect Ratio	4:3, 16:9
Image Stabilization	Optical
Item Dimensions	2.44 x 1.18 x 3.74 inches
Item Display Weight	0.9 pounds
Item Weight	0.38 pounds
Lithium Battery Weight	4 ounces
Macro Focus Range	3 cm
Manufacturer Warranty Description	1 year limited
Maximum Aperture	<i>f</i> /6.9
Maximum Aperture Range	F2.8 - F6.9
Maximum Focal Length	140 mm
Maximum Shutter Speed	1/2000 of a second
Maximum horizontal resolution	4,608
Memory Slots Available	1
Metering	Multi, Center-weighted, Spot
Minimum Aperture	<i>f</i> /2.8
Minimum Focal Length	28 mm
Minimum Shutter Speed	15 seconds
Model Year	2012
Optical Sensor Resolution	16 MP
Optical Sensor Technology	CCD
Optical Zoom	5x
Photo Sensor Technology	CCD
Self-timer	Yes
Sensor Cleaning Method	No
Shipping Weight	0.75 pounds
Style Name	PowerShot

Supported Battery Types	2 x AA batteries
USB 2.0	1
Video Capture Format	H.264
Video Capture Resolution	1280 x 720 (25 fps) 640 x 480 (30 fps)
Viewfinder Type	None
Water Resistance Level	Not Water Resistant
Weather Resistance	No

Product Description :

Color: **Red**

The Canon 6181B100 PowerShot A810 16MP Compact Digital Camera, in red, delivers real value with excellent, easy-to-achieve image quality at an affordable price. With Smart Auto, there is no fussing with camera settings. The camera automatically optimizes the setting for 32 predefined shooting situations. Video is smooth and gorgeous in 720p HD. Just press the dedicated movie button to start shooting. This is a high-resolution, high performance camera with a 16.0 Megapixel Image Sensor and DIGIC 4 Image Processor. Zoom in and get more image in every shot with the 5x Optical Zoom with 28mm Wide-Angle lens. Plus the Digital IS ensures blur-free shooting. Fun Scene Modes for exciting effects, a Help button with easy explanations, and easy AA battery power all add up to make the PowerShot A810 digital camera a smart choice.

From the Manufacturer

Beautiful Images and Stunning Video Made Easy

The PowerShot A810 digital camera delivers real value: excellent, easy-to-achieve image quality at an affordable price. With Smart Auto, there's no fussing with camera settings; the camera automatically optimizes setting for 32 predefined shooting situations. Video is smooth and gorgeous in 720p HD just press the dedicated movie button to start shooting. This is a high-resolution, high performance camera, with a 16.0 Megapixel Image Sensor and DIGIC 4 Image Processor. Zoom in and get more image in every shot with the 5x Optical Zoom with 28mm Wide-Angle lens; Digital IS ensures blur-free shooting. Fun Scene Modes for exciting effects, a Help button with easy explanations, and easy AA battery power all add up to make the PowerShot A810 digital camera a smart choice!

A Smarter Camera Means Better Photos

Smart AUTO

Photographers of all levels appreciate a camera – especially a go-anywhere compact digital – that takes the hassle out of capturing beautiful images. The PowerShot A810 gives you Smart AUTO – sophisticated Canon technology that makes getting that great shot as simple as pressing the shutter button. Smart AUTO automatically detects scenes by assessing various factors in both the background and the subject. Detected scenes are analyzed using 32 predefined shooting situations. The camera then makes optimal settings to ensure the best possible image capture

when shooting still images. Smart AUTO also includes Advanced Subject Detection, which allows the camera to detect and track non-human moving subjects like animals and vehicles. With Smart AUTO, all you have to do is frame your shot and capture away.

Shooting Modes/Special Scene Modes

Smart AUTO	The camera automatically selects the best shooting settings for optimal quality based on subjects and environmental factors to provide point-and-shoot simplicity.
Program	The camera automatically and intelligently selects the aperture/shutter speed combination based on the shooting conditions.
Live View Control	Enables Brightness, Color, and Tone adjustments to your images using easy-to-understand controls.
Digital IS	The camera digitally corrects image blur by analyzing the subject prior to choosing the best correction method.
Portrait	Brings the subject into focus while beautifully blurring the background.
Face Self-timer	The camera waits for a face to enter the frame before releasing the shutter.
Low Light	For high quality image capture in an amazing range of dimly lit situations.
Fisheye Effect	Now you can get the fisheye effect – a classic photographic distortion – without a fisheye lens.
Miniature Effect	Give images a miniature look with an effect that emphasizes perspective by blurring the top and bottom of the image.
Toy Camera Effect	Simulates photos taken with toy or pinhole cameras, darkening the image at the edges to create a vignette effect.
Monochrome	Choose from three single-tone effects: Black-and-White, Sepia, or Blue.
Super Vivid	Super Vivid intensifies existing hues, saturating the scene with bright colors.
Poster Effect	Poster Effect combines several similar shades into one color, turning subtle gradations into eye-catching, scene-popping contrasts.
Snow	Shoot clear snow scenes without darkened subjects or an unnatural bluish tint.
Fireworks	Create brilliant images of skyrocketing fireworks.
Long Shutter	Use to blur moving subjects for artistic effect, ideal for urban night photography.
Discreet Mode	Disables flash, AF assist beam, and all camera sounds with one mode dial settings so you can capture images in quiet areas.
iFrame Movie	The Apple® movie format, iFrame, makes it easier and quicker to import and upload videos while retaining high image quality.

Gorgeous HD Video From Your Still Camera

720p HD Video

You can shoot high definition video anytime, anywhere right from the pocket-sized PowerShot A810 digital camera. With a simple push of the dedicated movie button, you will be able to instantly record every moment in motion. 720p HD video is smooth, vivid, and beautifully lifelike, making it an ideal way to capture special memories. In addition to being able to shoot 720p HD video at 25 frames per second, the PowerShot A810 can also shoot 640 x 480 VGA video at 30* frames per second.

Dedicated Movie Button for Easy Video Capture

It has never been easier to shoot videos with a PowerShot digital camera. To make shooting video as natural as snapping pictures, the PowerShot A810 has a dedicated movie button. No need to plan ahead, no need to search through menus on the LCD screen; when you feel a moment would be best captured in 720p HD, simply press the button and recording begins. The camera is always ready to shoot stills or video whenever you want.

iFrame

With the PowerShot A810 digital camera, you can also shoot video in the Apple® iFrame format, which is a computer-friendly standard that speeds up importing and editing of videos. It keeps file sizes small, making it more convenient to upload or e-mail high-quality videos. The iFrame format enjoys native support in compatible Mac and Windows video applications, making it unnecessary to perform time-consuming and often quality-degrading conversions.

High Resolution, Highly Advanced Performance

16.0 Megapixel Image Sensor with DIGIC 4 Image Processor

With the camera's 16.0 Megapixels of resolution, your images are rich and clear, with textures and tiny details faithfully reproduced even at the long end of the 5x Optical Zoom. This high level of resolution is ideal for creating the largest prints, and allows you the flexibility to blow up and crop any section of an image to express your creativity. The DIGIC 4 Image Processor powers the camera's advanced systems and features, ensuring fast, reliable performance with low battery consumption.

DIGIC 4 Image Processor

Canon DIGIC Image Processors have set the standard for functionality and performance since their groundbreaking introduction in 1999. With each successive generation, DIGIC processors have brought elevated performance and powerful new features to PowerShot digital cameras. The DIGIC 4 Image Processor has ushered in a new level of picture quality and accelerated processing, making possible features such as high-speed continuous shooting, HD video and Face Detection Self-timer.

Zoom in on Wider Shots

5x Optical Zoom with 28mm Wide-Angle Lens

Despite its slim profile, the PowerShot A810 digital camera houses a powerful Genuine Canon 5x Optical Zoom Lens that delivers outstanding optical performance and versatility. The zoom starts at 28mm wide-angle and extends to 140mm telephoto (35mm equivalent), covering a wide and highly useful range. The telephoto reach gives you the freedom to capture subjects from afar, while the 28mm wide-angle makes it easy to shoot sweeping landscapes, large groups of people and tall buildings.

Say Goodbye to Blur

Digital IS

Digital IS beats the blur that mars many shots by recognizing the main subject, then automatically applying the camera shake correction that best suits the situation. If the subject is a person, blur reduction processing is performed. For landscapes, cityscapes and other still scenes, the camera takes 3 quick successive shots and composes them into a single clear image. If the subject is moving, the camera takes 3 successive shots, then automatically saves the clearest image.

Spectacular Effects Made Easy

Scene Modes

You™ll be surprised at how easy it is to create upscale photographic effects with the PowerShot A810 digital camera's Scene Modes. No special lenses are necessary, just a one-step camera setting. Scene Modes include Fisheye Effect for the classic convex distortion; Toy Camera Effect that recreates the toy or pinhole camera look; and Monochrome that adds a distinct single-tone effect to your photos.

Help You Won't Need Help to Find

Help Button

The PowerShot A810 digital camera is designed to be fun and easy to use, even for beginners. A new Help Button on the camera's exterior brings up the help menu any time you need it, right on the LCD screen. From here, you can scroll through a variety of topics that answer your questions with clear explanations, offer helpful shooting advice, and show you diagrams highlighting the position of any buttons you'll need.

Power on the Go

Powered by AA batteries

Conveniently, you don't need to worry about running out of batteries or having to recharge them. Since AA-size batteries can be purchased at any store, simply get new ones locally - wherever you go, no special power adapters or chargers are needed.



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