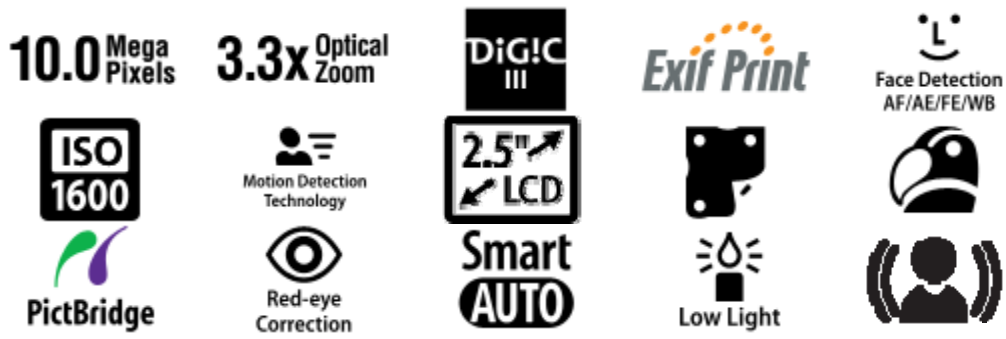
Overview

Stylish Value - The Perfect First Camera!
Compact, stylish, and colored to suit your personality, the new PowerShot A800 digital camera puts the power to create beautiful quality digital photography in anyone's hands. Smart AUTO makes getting your best shot easy every time by automatically and intelligently selecting the proper settings for the camera based on 19 predefined shooting situations. Own the power of 10.0 Megapixels and a 3.3x Optical Zoom that let you capture a wealth of gorgeous detail up close. PowerShot A800 makes it easy and fun to inject creative options into your photography with exciting Scene Modes like Super Vivid and Poster Effect. New Blur Reduction ensures crisp, clear shots in all kinds of situations. The camera is powered with readily available AA batteries, so it's easy to keep the fun going wherever you find yourself. You'll see everything you're shooting through the clear, bright 2.5-inch LCD screen, so composing and focusing your shots is easier than ever. PowerShot A800 is perfect for young photographers, new photographers, and anyone who appreciates easy, high-quality digital photography and exceptional value.



Specifications

Type
Compact digital still camera with built-in flash, 3.3x Optical & 4x Digital & 13x Combined Zoom

Image Capture Device

Type
10.0 Megapixel, 1/2.3-inch type Charge Coupled Device (CCD)

Total Pixels
Approx. 10.6 Megapixels

Effective Pixels
Approx. 10.0 Megapixels

Lens

Focal Length
6.6 (W) - 21.6 (T)mm - 35mm (film equivalent: 37 - 122mm)

Digital Zoom
4x

Focusing Range
Normal: 0.4 in. (1cm) - infinity (W), 9.8 in. (25cm) - infinity (T)

Macro: 0.4 in. - 1.6 ft. (1-50cm) (W), 9.8 in. - 1.6 ft. (25 - 50cm) (T)

Autofocus System
TTL Autofocus

Viewfinders

Optical Viewfinder
N/A

LCD Monitor
2.5-inch TFT color

LCD Pixels
Approx. 115,000 dots

LCD Coverage
Approx. 100%

Aperture and Shutter

Maximum Aperture
f/3.0(W) - f/5.8 (T)

Shutter Speed
1 - 1/2000 sec.

15 - 1/2000 sec. (Total shutter speed range)

Exposure Control

Sensitivity
Auto, ISO 100/200/400/800/1600

Low Light: ISO 500-3200

Light Metering Method
Evaluative, Center-weighted average, Spot

Exposure Control Method
AE Lock

Exposure Compensation
+/-2 stops in 1/3-stop increments

- Not available when shooting movies

White Balance

White Balance Control
Auto*, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom?

*Facial color is evaluated in Face AiAF.

Flash

Built-in Flash
Auto, On, Slow Synchro, Off

Flash Range
12 in.-9.8 ft. (W), 12 in.-6.6 ft. (T) (30cm-3.0m (W), 30cm-2.0m (T))

Recycling Time
10 sec. or less (battery voltage: 3.0 V)

- LCD monitor will turn off while flash is charging (except when turning on the power)

Flash Exposure Compensation
N/A

Shooting Specifications

Shooting Modes
P, Auto, Scene[*1], Movie[*2]

*1 Blur Reduction, Portrait, Kids & Pets, Face Self-timer, Low Light, Super Vivid, Poster Effect, Beach, Foliage, Snow, Sunset, Fireworks, Long Shutter

*2 Standard

Photo Effects
My Colors Off, Vivid, Neutral, Sepia, Black & White, Custom*

* Adjustment of contrast, sharpness and saturation available.

Self Timer
Approx. 10-sec delay, approx. 2-sec. delay, custom*?

* Delay time (0-15 sec. in one-second increments), 20/25/30 sec.) and number of shots (1-10 shots (in one-shot increments)) can be specified.

Wireless Control
N/A

Continuous Shooting
Approx. 0.8 shots/sec. (in P mode)

Approx. 2.2 shots/sec (in Low Light mode or Blur Reduction)

Image Storage

Storage Media
SD/SDHC/SDXC Memory Card, MultiMediaCard, MMC Plus Card, HC MMC Plus Card

File Format
Design rule for camera file system, DPOF Version 1.1 compliant

Image Recording Format
Normal, Fine

JPEG Compression Mode
Still Image: Exif 2.3 (JPEG)?

Movie: AVI (Image: Motion JPEG; Audio: WAVE (Monaural))

Number of Recording Pixels
Still Images: 3648 x 2736 (Large), 2816 x 2112 (Medium 1), 1600 x 1200 (Medium 2), 640 x 480 (Small), 3648 x 2048 (Widescreen)

Number of Recordable Images

Image data

	Large (L)		Medium 1 (M1)		Medium 2 (M2)		Small (S)		Widescreen (W)	
	F	N	F	N	F	N	F	N	F	N
File Size (KB)	**2,565**	**1,226**	**1,620**	**780**	**558**	**278**	**150**	**84**	**1,920**	**918**

4GB	1,471	3,017	2,320	4,641	6,352	12,069	20,116	30,174	1,978	4,022
16GB	6,026	12,354	9,503	19,007	26,010	49,420	82,367	123,550	8,101	16,473

Time of Recordable Movies

Movie data

	Standard		
	640 x 480	**640 x 480**	**320 x 240**
	30 fps*	**30 fps LP**	**30 fps**
Video Size (KB/sec.)	**1,930**	**971**	**671**
4GB	32 min. 26 sec.	1 hr. 2 min. 51 sec.	1 hr. 31 min. 25 sec.
16GB	2 hr. 12 min. 50 sec.	4 hr. 17 min. 23 sec.	6 hr. 14 min. 23 sec.