

# Specifications for canon digital camera powershot a-2300 (slo)-opened



## Technical Details

<b>Type</b>
Compact digital camera with built-in flash, 5x Optical, 4x Digital, and 20x Combined Zoom
<b>Image Capture Device</b>
<b>Type</b>
16.0 Megapixel 1/2.3-inch CCD
<b>Total Pixels</b>
16.6 Megapixels
<b>Effective Pixels</b>
16.0 Megapixels
<b>Lens</b>
<b>Focal Length</b>

5.0 (W) - 25.0 (T) mm (35mm film equivalent: 28 (W) - 140 (T) mm)
<b>Optical Zoom</b>
5x
<b>Digital Zoom</b>
4x
<b>Focusing Range</b>
Normal: 2.0 in. (5cm) - infinity (W), 3.9 ft. (1.2m) - infinity (T) Auto: 1.2 in. (3cm) - infinity (W), 3.9 ft. (1.2m) - infinity (T)Macro: 1.2 in. - 2.0 ft. (3-60cm) (W)
<b>Autofocus System</b>
TTL Autofocus
<b>Viewfinders</b>
<b>Optical Viewfinder</b>
N/A
<b>LCD Monitor</b>
2.7-inch TFT Color LCD with wide-viewing angle
<b>LCD Pixels</b>
Approx. 230,000 dots
<b>LCD Coverage</b>
Approx. 100%
<b>Aperture and Shutter</b>
<b>Maximum Aperture</b>
f/2.8 (W) - f/6.9 (T)
<b>Shutter Speed</b>
1 - 1/2000 sec. 15 - 1/2000 sec. (Total shutter speed range)
<b>Exposure Control</b>
<b>Sensitivity</b>
Auto, ISO 100/200/400/800/1600 (in P mode)
<b>Light Metering Method</b>
Evaluative*, Center-weighted average, Spot** * Facial brightness is evaluated in Face Detect (Face Detect AE)

** Fixed to center
<b>Exposure Control Method</b>
AE Lock
<b>Exposure Compensation</b>
+/-2 stops in 1/3 stop increments(Not available when shooting movies)
<b>White Balance</b>
<b>White Balance Control</b>
Auto*, Daylight, Cloudy, Tungsten, Fluorescent, Fluorescent H, Custom*Facial color is evaluated in Face Detect (Face Detect WB)
<b>Flash</b>
<b>Built-in Flash</b>
Auto, On, Slow Synchro, OffFacial brightness is also evaluated in Face Detect.
<b>Flash Range</b>
1.6 - 9.8 ft. (W), 3.3 - 6.6 ft. (T) (50 cm - 3.0 m (W), 1.0 - 2.0 m (T)
<b>Recycling Time</b>
10 seconds or less (Battery Voltage: 3.7V)
<b>Flash Exposure Compensation</b>
N/A
<b>Shooting Specifications</b>
<b>Shooting Modes</b>
Auto, P, Live View Control, Digital IS, Portrait, Face Self-timer, Low Light, Fisheye Effect, Miniature Effect, Toy Camera Effect, Monochrome, Super Vivid, Poster Effect, Snow, Fireworks, Long Shutter, Discreet, iFrame Movie* *Shooting movies is possible with the movie button.
<b>Photo Effects</b>
N/A
<b>Self Timer</b>
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.
<b>Wireless Control</b>
N/A

<b>Continuous Shooting</b>
Approx: 0.8 shots/sec. (In P Mode) Approx. 2.8 shots/sec. (In Low Light Mode)
<b>Image Storage</b>
<b>Storage Media</b>
SD Memory Card, SDHC Memory Card, SDXC Memory Card
<b>File Format</b>
Design rule for Camera File System, DPOF (Version 1.1) compliant
<b>JPEG Compression Mode</b>
Still Images: Exif 2.3 (JPEG) Movies: MOV (Image data: H.264; Audio data: Linear PCM (2 channel monoaural))
<b>Number of Recording Pixels</b>
Still Images:[Large]: 4608 x 3456 [Medium 1]: 3264 x 2448 [Medium 2]: 1600 x 1200 [Small]: 640 x 480 [Widescreen]: 4608 x 2592 Movies:[Miniature Effect] 1280 x 720*1, 640 x 480*2[iFrame Movie] 1280 x 720 (25 fps)[Other than the above] 1280 x 720 (25 fps), 640 x 480 (30 fps*3)*1 Shooting: 5 fps / 2.5 fps / 1.25 fps Playback: 25 fps *2 Shooting: 6 fps / 3 fps / 1.5 fps Playback: 30 fps*3 *3 Actual frame rate is 29.97 fps.
<b>Number of Recordable Images</b>
<b>Image data</b>
*When shooting in Digital IS or Low Light*The approximate number of images recordable on memory cards other than the above can be calculated by using the above figures as a reference and extrapolating accordingly.
<i>Time of Recordable Movies</i>
<b>Movie data</b>
*The approximate number of images recordable on memory cards other than the above can be calculated by using the above figures as a reference and extrapolating accordingly.
<i>Playback Specifications</i>
<b>Playback Modes File</b>
Still Images and Movies:

Discreet, Auto Rotate, Rotate, Search Jump (Shot Date, 10 images, 100 images, Movies, Still Images), SlideshowStill Images:  
Single, Index (4-100 Thumbnails), Magnification (Approx. 2x-10x), Information Display, Histogram, Overexposure Warning, Resume Playback, Red-Eye Correction, i-Contrast, Resize, Movies:  
Normal Playback\*1, Pause, Skip Backward\*2, Previous Frame\*3, Next Frame\*3, Skip Forward\*2 Displays playback position and shooting time\*1 Audio settings available in 5 levels  
\*2 Approximately 4 seconds  
\*3 Rewind and Fast-forward are also available

## **Erasing Specifications**

### **Erase Modes**

Single Image\*, Erase AllThe image data in the memory card stored with the design rule for camera file systems format can be erased (however, protected images cannot be erased).\* Movies can be erased individually.

## **Interfaces**

### **Computer Interface**

Hi-Speed USB\*1 (Dedicated connector (female) with unified type of digital, audio and video\*2)\*1 Use of USB logomark is not allowed.\*2 mini-B compatible.

### **Video Out**

NTSC/PAL (unified type dedicated connector (female)) with digital, audio and video

### **Audio Out**

Monaural (unified type dedicated connector (female)) with digital, audio and video

### **Other**

Memory card slot; direct connection to Canon SELPHY Compact Photo Printers, PIXMA Inkjet Photo Printers and PictBridge-compatible printers via camera's USB 2.0 Hi-Speed cable

### **Power Source**

1. Rechargeable Lithium-ion Battery NB-11L
2. Compact Power Adapter CA-DC10 (included with AC Adapter Kit ACK-DC90)

### **Shooting Capacity**

Approx. 210 shots

### **Playback Time**

Approx. 5 hours

### *Physical Specifications*

### **Operating Temperature**

32-104°F/0-40°C

### **Operating Humidity**

10-90%
<b>Dimensions (W x H x D)</b>
3.72 x 2.13 x 0.79 in. (94.4 x 54.2 x 20.1mm)
<b>Weight</b>
Approx. 4.41 oz. / 125 g (Including the battery and memory card) Approx. 3.84 oz. / 109 g (Camera body only)Note: 30 display languages provided (English, German, French, Dutch, Danish, Finnish, Italian, Ukrainian, Malaysian, Indonesian, Norwegian, Swedish, Spanish, Simplified Chinese, Traditional Chinese, Korean, Russian, Portuguese, Hungarian, Polish, Czech, Greek, Turkish, Thai, Arabic, Romanian, Farsi, Hindi, Vietnamese, and Japanese)
All data are based on Canon's Standard Test Method. Subject to change without notice.
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## Product Description :

The Canon PowerShot A2300 16MP Compact Digital Camera, in black, is simple and stylish. This chic compact camera is packed with advancements that make it easy to get a great shot every time. Smart AUTO recognizes 32 predefined shooting situations then automatically picks the proper camera settings for you. Saving memories in breathtakingly realistic 720p HD is as easy as pressing the dedicated movie button. You will see extraordinary resolution and fast performance with the 16.0 Megapixel Image Sensor and DIGIC 4 Image Processor, and capture more dynamic, exciting images with the 5x Optical Zoom with 28mm Wide-Angle lens. Digital IS greatly reduces blur by recognizing the main subject and applying the best camera shake correction. Easy quality that is easily affordable. That's the PowerShot A2300 digital camera.



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