

# Specifications for canon digital camera powershot a-2500 (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>
Approx. 16.6 Megapixels
<b>Effective Pixels</b>
Approx. 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: 1.2 in. (3cm) - infinity (W), 3.9 ft. (1.2m) - infinity (T) Macro: 1.2 in. - 1.6 ft. (3-50cm) (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 sec. (shooting long exposures)
<b>Exposure Control</b>
<b>Sensitivity</b>
Auto, ISO 100 - ISO 1600, 1-step increments
<b>Light Metering Method</b>
Evaluative, Center-weighted average, Spot
<b>Exposure Control Method</b>
Still images: AE Lock, FE Lock, AF 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
<b>Flash</b>
<b>Built-in Flash</b>
Auto, On, Slow Synchro, Off
<b>Flash Range</b>
1.6 - 9.8 ft. (W), 3.9 - 6.6 ft. (T) / 50cm - 3.0m (W), 1.2m - 2.0m (T)
<b>Recycling Time</b>
10 seconds or less (battery voltage: 3.7 V)
<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 - Shooting movies is possible with the movie button.
<b>Photo Effects</b>
N/A
<b>Self Timer</b>
Off / 2 sec. / 10 sec. / Custom Timer* * 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. 2.9 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) compatible									
<b>JPEG Compression Mode</b>									
Still	Images:			Exif	2.3			(JPEG)	
Movies: MOV (Image data: H.264; Audio data: Linear PCM (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		
* 2304	x	1728	when	in	Low	Light	mode		
Movies:									
HD	1280		x			720:		25 fps	
640	x		480:			30		fps (29.97)	
Miniature	Effect	HD	1280	x	720:	5 fps* <sup>1</sup> ,	2.5 fps* <sup>1</sup> ,	1.25 fps* <sup>1</sup>	
Miniature	Effect	640	x	480:	6	fps* <sup>2</sup> ,	3 fps* <sup>2</sup> ,	1.5 fps* <sup>2</sup>	
* <sup>1</sup> Playback frame rate is 25 fps									
* <sup>2</sup> Playback frame rate is 30 fps (29.97)									
<b>Number of Recordable Images</b>									
<b>Image data</b>									
*When in 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.									
<b>Time of Recordable Movies</b>									
<b>Movie data</b>									
* <sup>1</sup> Playback frame rate is 25 fps.* <sup>2</sup> Playback frame rate is 30 fps* <sup>3</sup> .* <sup>3</sup> Actual frame rate is 29.97 fps.• The approximate number of videos recordable on memory cards other than the above can be calculated by using the above figures as a reference and extrapolating accordingly.									
<b>Playback Specifications</b>									
<b>Playback Modes File</b>									
Still	Images			and			Movies:		
Auto	Rotate,	Rotate,	Search	(Date,	Movies,	Still	Images)		
Still									Images:
Single, Index (4-100 Thumbnails), Magnification (Approx. 2x-10x), Information									

<p>Display (Histogram, Overexposure Warning), Resume Playback, Transition, Red-Eye Correction, i-Contrast, Resize, Photobook Set-up Movies:  Normal Playback*<sup>1</sup>, Pause, Slow Motion, Skip Backward*<sup>2</sup>, Previous Frame*<sup>3</sup>, Next Frame*<sup>3</sup>, Skip Forward*<sup>2</sup>  - Displays playback position and shooting time  *<sup>1</sup> Audio settings available in 5 levels  *<sup>2</sup> Approximately 4 seconds  *<sup>3</sup> Rewind and Fast-forward are also available</p>
<b>Erasing Specifications</b>
<b>Erase Modes</b>
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.
<b>Interfaces</b>
<b>Computer Interface</b>
Hi-Speed USB (Dedicated connector (female) with unified type of digital, audio and video)
<b>Video Out</b>
NTSC/PAL (dedicated connector (female) with unified type of digital, audio and video)
<b>Audio Out</b>
Monaural (dedicated connector (female) with unified type of digital, audio and video)
<b>Other</b>
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
<b>Power Source</b>
Rechargeable Lithium-ion Battery NB-11L
<b>Shooting Capacity</b>
Normal: Approx. 220 shots ECO Mode: Approx. 300 shots
<b>Playback Time</b>
Approx. 5 hours
<b>Physical Specifications</b>
<b>Operating Temperature</b>

32-104°F/0-40°C
<b>Operating Humidity</b>
10-90%
<b>Dimensions (W x H x D)</b>
3.85 x 2.20 x 0.82 in. / 97.7 x 56.0 x 20.9mm
<b>Weight</b>
Approx. 3.88 oz. / 110g (Body Only) Approx. 4.41 oz. / 125g (CIPA Standard)All data are based on Canon's Standard Test Method. Subject to change without notice.
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### Product Description :

The black **Canon PowerShot A2500 Digital Camera** is a compact point-and-shoot camera featuring a 16.0 megapixel image sensor and DIGIC 4 image processor to produce high quality, well-detailed imagery. In addition to still imagery, these two technologies work together to enable clear 720p HD video recording that is accessible via a dedicated movie button. Improving the quality of both still and moving images, Smart AUTO is available and will intelligently select camera settings, based on 32 pre-defined shooting situations, to give you accurate exposures to best suit the scene in which you are photographing. To benefit shooting in low-light situations, Digital IS helps to reduce the appearance of camera shake to create sharper-looking images. All of these imaging technologies are supported by the 5x optical zoom lens, which gives a 35mm-equivalent focal length range of 28-140mm, giving a wide-angle to telephoto range that is suitable for almost any type of subject matter.



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