

## Specifications

Model name	FinePix S9400W
Number of effective pixels	16.2 million pixels
Image sensor	1/2.3-inch CMOS with primary color filter Total number of pixels: 16.79 million pixels
Storage media	Internal memory (approx. 38MB) SD / SDHC / SDXC (UHS-I) memory card <sup>*1</sup>
File format	still image  JPEG (Exif Ver 2.3) <sup>*2</sup> / (Design rule for Camera File system compliant / DPOF-compatible)  movie  Movie File Format : MOV Movie Video Compression : H.264 Audio : Linear PCM Stereo
Number of recorded pixels	L : (4:3) 4608 x 3456 / (3:2) 4608 x 3072 / (16:9) 4608 x 2592 / (1:1) 3456 x 3456 M : (4:3) 3264 x 2448 / (3:2) 3264 x 2176 / (16:9) 3264 x 1840 / (1:1) 2432 x 2432 S : (4:3) 2304 x 1728 / (3:2) 2304 x 1536 / (16:9) 1920 x 1080 / (1:1) 1728 x 1728  <Motion Panorama> 360° Vertical : 11520 x 1624 Horizontal : 11520 x 1080 180° Vertical : 5760 x 1624 Horizontal : 5760 x 1080 120° Vertical : 3840 x 1624 Horizontal : 3840 x 1080
Lens	name  Fujinon 50x optical zoom lens  focal length  f=4.3mm - 215mm, equivalent to 24 - 1200mm on a 35mm format  full-aperture

	<p>F2.9 (Wide) - F6.5 (Telephoto)</p> <p>constitution</p> <p>17 elements in 12 groups (includes 3 aspherical and 2 extra low dispersion elements)</p>
Digital zoom	Intelligent digital zoom approx. 2.0x (up to approx. 100x, with 50x optical zoom)
Aperture	<p>F2.9 / F8.4 (Wide)</p> <p>F6.5 / F7.8 / F19.0 (Telephoto) with ND filter</p>
Focus distance (from lens surface)	<p>Normal</p> <ul style="list-style-type: none"> <li>• Wide : approx. 40cm to infinity / 1.3 ft. to infinity</li> <li>• Telephoto : approx. 3.5m to infinity / 11.4 ft. to infinity</li> </ul> <p>Macro</p> <ul style="list-style-type: none"> <li>• Wide : approx. 7cm - 3.0m / 2.7 in. - 9.8 ft.</li> <li>• Telephoto: approx. 3.5m - 5.0m / 11.8 ft. - 16.4 ft.</li> </ul> <p>Super Macro</p> <ul style="list-style-type: none"> <li>• Wide : approx. 1cm - 1.0m / 0.3 in. - 3.2 ft.</li> </ul>
Sensitivity	<p>AUTO / AUTO (400) / AUTO (800) / AUTO (1600) / AUTO (3200), Equivalent to ISO 100 / 200 / 400 / 800 / 1600 / 3200 / 6400 / 12800 (Standard Output Sensitivity)</p>
Exposure control	TTL 256-zone metering, Spot, Multi, Average
Exposure mode	Programmed AE, Shutter priority AE, Aperture priority AE, Manual exposure
Shooting modes	<p>SP</p> <p>Portrait, Baby, Smile &amp; Shoot, Landscape, Sport, Night, Night (Tripod), Fireworks, Sunset, Snow, Beach, Party, Flower, Text</p> <p>MODE DIAL</p> <p>SR AUTO, AUTO, Adv., SP, Panorama, P, S, A, M, Custom</p>

Image Stabilizer	Lens shift type
Face detection	Yes
Exposure compensation	-2.0EV - +2.0EV 1/3EV step
Shutter speed	(Auto mode) 1/4 sec. to 1/1700 sec., (All other modes) 8 sec. to 1/1700 sec. with mechanical shutter
Continuous shooting	<p>TOP</p> <p>H : approx. 10 fps max. 10 frames  M : approx. 5.0 fps max. 10 frames  L : approx. 3.0 fps max. 10 frames  SH1 : approx. 60 fps max. 60 frames (Max. number of recorded pixels : 1080 x 960)  SH2 : approx. 120 fps max. 60 frames (Max. number of recorded pixels : 640 x 480)</p> <p>LAST</p> <p>-</p> <p>Best Frame capture</p> <p>approx. 10 fps 10 frames (Size L, M, S) / 20 frames (Size S)</p> <ul style="list-style-type: none"> <li>• *Use a card with SD Speed Class with <b>CLASS10</b> or higher.</li> <li>• *The frame rate and the recorded number of frames varies with shooting conditions.</li> </ul>
Auto bracketing	AE Bracketing ( $\pm 1/3EV$ , $\pm 2/3EV$ , $\pm 1EV$ )
Focus	<p>mode</p> <p>Single AF / Continuous AF</p> <p>type</p> <p>TTL contrast AF, AF assist illuminator available</p> <p>AF frame selection</p> <p>Center, Multi, Area, Tracking</p>
White balance	Automatic scene recognition

	<p>Preset</p> <p>Fine, Shade, Fluorescent light (Daylight), Fluorescent light (Warm White), Fluorescent light (Cool White), Incandescent light, Custom</p>
Self-timer	10 sec. / 2 sec. Delay
Flash	<p>Manual pop-up flash (i-Flash)</p> <p>Effective range : (ISO AUTO)</p> <p>Normal</p> <ul style="list-style-type: none"> <li>• Wide : approx. 40cm - 7.0m / 1.3 ft. - 22.9 ft.</li> <li>• Telephoto : approx. 2.5m - 3.6m / 8.2 ft. - 11.8 ft.</li> </ul> <p>Macro</p> <ul style="list-style-type: none"> <li>• Wide : approx. 30cm - 3.0m / 0.9 ft. - 9.8 ft.</li> <li>• Telephoto : approx. 2.0m - 3.0m / 6.5 ft. - 9.8 ft.</li> </ul>
Flash modes	<p>Red-eye removal OFF</p> <p>Auto, Forced Flash, Suppressed Flash, Slow Synchro.</p> <p>Red-eye removal ON</p> <p>Red-eye Reduction Auto, Red-eye Reduction &amp; Forced Flash, Suppressed Flash, Red-eye Reduction &amp; Slow Synchro.</p>
Hot shoe	-
Electronic Viewfinder	0.2-inch, approx. 201K-dot, color LCD viewfinder approx. 97% coverage for shooting, 100% for playing back
LCD monitor	3.0-inch, approx. 460K-dot, TFT color LCD monitor, approx. 97% coverage for shooting, 100% for playing back
Movie recording	<p>Full HD 1920 x 1080 60i (max. 29 min)</p> <p>HD 1280 x 720 60p</p> <p>640 x 480 30p</p> <p>with stereo sound. Wind filter</p> <p>Optical or digital zoom function can be used.</p>

	<ul style="list-style-type: none"> <li>*Use a card with SD Speed Class with <b>CLASS10</b> or higher.</li> </ul>
Photography functions	SR AUTO, High Speed Movie (120 / 240 / 480 frames/sec), Adv. mode (Advanced Filter for still image : Toy camera / Miniature / Pop color / High-key / Low-key / Dynamic tone / Soft Focus / Cross Screen / Fish-eye / Partial color, Advanced filter for movie : Toy camera / Pop color / High-key / Low-key / Fish-eye / Partial color, Pro Low-Light, HDR, Natural Light & with Flash, Zoom Bracketing), Instant zoom, Framing guideline, Frame No. memory, Histogram display, Date stamp
Playback functions	Multi-frame playback (with micro thumbnail), Protect, Crop, Resize, Slide show, Image rotate, Histogram display, exposure warning, Photobook assist, image search, Favorites, Mark for upload, Panorama, Erase selected frames, Movie edit
Other functions	PictBridge, Exif Print, 35 Languages, Time difference, Silent mode, Discharge function
Wireless transmitter	standard IEEE 802.11b / g / n (standard wireless protocol) access mode Infrastructure
Wireless function	Geotagging / Wireless communication (Image transfer) / View & Obtain Images / PC Autosave
Terminal	Video output - Digital interface USB2.0 (High-Speed) Multi USB terminal HDMI output HDMI Mini connector (Type C)
Power supply	4xAA type alkaline batteries (included) / 4xAA type Ni-MH rechargeable batteries (sold separately) / 4xAA type lithium batteries (sold separately)
Dimensions	122.6 (W) x 86.9 (H) x 116.2(D) mm / 4.8 (W) x 3.4 (H) x 4.6 (D) in.
Weight	Approx. 670g / 23.6 oz. (including batteries and memory card) Approx. 577g / 20.3 oz. (excluding batteries and memory card)

Operating Temperature	0°C - +40°C
Operating Humidity	10% - 80% (no condensation)
Guide to the number of available frames for battery operation	Alkaline batteries : approx. 300 frames (AUTO mode) Ni-MH rechargeable batteries : approx. 500 frames (AUTO mode) Lithium batteries : approx. 700 frames (AUTO mode)  <ul style="list-style-type: none"> <li>*Fujifilm research based on CIPA standards</li> </ul>
Accessories included	4xAA type alkaline batteries Shoulder strap USB cable Lens cap and Lens cap cord CD-ROM <sup>*3</sup> Owner's manual
Optional accessories	AC Power Adapter AC-5VX DC coupler CP-04

- \*1Please see the Fujifilm website ([http://www.fujifilm.com/support/digital\\_cameras/compatibility/card/s/](http://www.fujifilm.com/support/digital_cameras/compatibility/card/s/)) to check memory card compatibility.
- \*2Exif 2.3 is a digital camera file format that contains a variety of shooting information for optimal printing.
- \*3OS compatibility  
Viewer software: Windows 8 / 7 / Vista / XP

#### Memory Card Capacity and Image Quality / Size

All figures are approximate; file size varies with the scene recorded, producing wide variations in the number of files that can be stored.

Number of images				
Modes	Still image (L)			
Number of recorded pixels	4608 x 3456 (4:3)	4608 x 3072 (3:2)	4608 x 2592 (16:9)	3456 x 3456 (1:1)

Quality		JPEG FINE	JPEG NORMAL	JPEG FINE	JPEG NORMAL	JPEG FINE	JPEG NORMAL	JPEG FINE	JPEG NORMAL
SDHC memory card	4 GB	480	960	540	1070	640	1270	640	1270
	8 GB	980	1930	1100	2160	1300	2550	1300	2550

Number of images

Modes Still image (M)

Number of recorded pixels 3264 x 2448 (4:3) 3264 x 2176 (3:2) 3264 x 1840 (16:9) 2432 x 2432 (1:1)

Quality		JPEG FINE	JPEG NORMAL	JPEG FINE	JPEG NORMAL	JPEG FINE	JPEG NORMAL	JPEG FINE	JPEG NORMAL
SDHC memory card	4 GB	950	1860	1060	2070	1260	2430	1270	2450
	8 GB	1920	3740	2180	4210	2530	4880	2600	4930

Number of images

Modes Still image (S)

Number of recorded pixels 2304 x 1728 (4:3) 2304 x 1536 (3:2) 1920 x 1080 (16:9) 1728 x 1728 (1:1)

Quality		JPEG FINE	JPEG NORMAL	JPEG FINE	JPEG NORMAL	JPEG FINE	JPEG NORMAL	JPEG FINE	JPEG NORMAL
SDHC memory card	4 GB	1870	3530	2050	3910	3400	6160	2430	4510
	8 GB	3750	7090	4240	7950	6840	12370	4920	9110

Recording time				
Modes		Movie <sup>*3</sup>		
Number of recorded pixels		Movie recording time		
Quality		FULL HD (1920 x 1080) <sup>*4</sup>	HD (1280 x 720) <sup>*4</sup>	VGA (640 x 480)
SDHC memory card	4 GB	28 min.	28 min.	109 min.
	8 GB	57 min.	57 min.	219 min.

- \*3 Use a **CLASS 10** card or better when shooting HD movie and High speed movie.
- \*4 Individual movies cannot exceed 29 minutes in length.