

## Specifications

Model name	FinePix S8600
Number of effective pixels	16.0 million pixels
Image sensor	1/2.3-inch CCD with primary color filter Total number of pixels: 16.44 million pixels
Storage media	SD / SDHC / SDXC 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 : AVI Movie Video Compression : Motion JPEG Audio : Linear PCM Monaural
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
Lens	name  Fujinon 36 x optical zoom lens  focal length  f=4.5mm - 162mm, equivalent to 25 - 900mm on a 35mm format  full-aperture  F2.9(Wide) - F6.9(Telephoto)  constitution  14 elements in 10 groups (includes 2 aspherical and 4 extra low dispersion elements)
Digital zoom	Intelligent digital zoom approx. 2.0x (up to approx. 72x, with 36x optical zoom)
Aperture	F2.9 / F8.4 (Wide) F6.5 / F7.8 / F19.0 (Telephoto) with ND filter

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 - 5m / 11.4 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) ISO100 / 200 / 400 / 800 / 1600 / 3200* / 6400* (Standard Output Sensitivity)</p> <ul style="list-style-type: none"> <li>* ISO3200 / 6400 is effective in image size S</li> </ul>
Exposure control	TTL 256-zone metering; Multi, Spot, Average
Exposure mode	Programmed AE, Shutter priority AE, Manual exposure
Shooting modes	<p>SP</p> <p>Portrait, Baby, Landscape, Sport, Night, Night (Tripod), Fireworks, Sunset, Snow, Beach, Party, Flower, Text</p> <p>MODE DIAL</p> <p>SR AUTO, AUTO, continuous shooting, Adv., SP1, SP2, P, S, M, Panorama</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 1/1500 sec., (All other modes) 8 sec. to 1/2000 sec. with mechanical shutter
Continuous shooting	<p>TOP</p> <p>H : approx. 8.0 fps (max. 40 frames) M : approx. 3.3 fps (max. 20 frames) L : approx. 1.2 fps (max. 5 frames)</p> <p>LAST</p>

	<p>approx. 1.2 fps (max. 5 frames)</p> <p>Others</p> <p>Long period max. 1.2 fps</p> <ul style="list-style-type: none"> <li>* Use a card with SD Speed Class with <b>CLASS 4</b> or higher.</li> <li>* The frame rate and the recorded number of frames varies with shooting conditions.</li> </ul>
Auto bracketing	AE Bracketing ( $\pm 1/3\text{EV}$ , $\pm 2/3\text{EV}$ , $\pm 1\text{EV}$ )
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	<p>Automatic scene recognition</p> <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. 50cm - 6.0m / 1.6 ft. - 19.7 ft.</li> <li>Telephoto : approx. 1.5m - 3.6m / 4.9 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>
LCD monitor	3.0-inch, approx. 460K-dot, TFT color LCD monitor, approx. 97% coverage for shooting, 100% for playing back
Movie recording	<p>HD 1280 x 720 30p</p> <p>640 x 480 30p</p> <p>320 x 240 30p</p> <p>with monaural 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>CLASS4</b> or higher.</li> </ul>
Photography functions	SR AUTO, 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, Natural Light & with Flash, Zoom Bracketing), Framing guideline, Frame No. memory, 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, Erase selected frames
Other functions	PictBridge, Exif Print, 35 Languages, Time difference, Silent mode, Discharge function
Terminal	<p>Video output</p> <p>-</p> <p>Digital interface</p> <p>USB2.0(High-Speed), mini-B USB terminal</p> <p>HDMI output</p> <p>HDMI Mini connector (Type C)</p> <p>Audio input</p> <p>-</p>

Power supply	3xAA type alkaline batteries (included) 3xAA type Ni-MH rechargeable batteries (sold separately) 3xAA type lithium batteries (sold separately)
Dimensions	121.3 (W) x 80.8 (H) x 64.6 (D) mm / 4.8 (W) x 3.2 (H) x 2.7 (D) in.
Weight	Approx. 450g / 15.9 oz. (including batteries and memory card) Approx. 380g / 13.4 oz. (excluding batteries and memory card)
Operating Temperature	0°C - +40°C (+32°F - +104°F)
Operating Humidity	10% - 80% (no condensation)
Guide to the number of available frames for battery operation	Alkaline batteries : approx. 250 frames (AUTO mode) Ni-MH rechargeable batteries : approx. 410 frames (AUTO mode) Lithium batteries : approx. 590 frames (AUTO mode)
Accessories included	3xAA type alkaline batteries Shoulder strap Lens cap and Lens cap cord Owner's manual
Optional accessories	AC Power Adapter AC-5VX DC coupler CP-04