

SPECIFICATIONS

DIGITAL CAMERA FinePix S8100fd

Number of effective pixels*1	10.0 million pixels
CCD sensor	1/2.3-inch CCD
Storage media	Internal memory (Approx. 58MB) / xD-Picture Card™(16MB - 2 GB) / SD memory card / SDHC memory card*2
File format	Still image: JPEG (Exif Ver. 2.2)*3 Movie: AVI (Motion JPEG) with sound Audio: WAVE format, Monaural sound [Design rule for Camera File system compliant/DPOF-compatible]
Number of recorded pixels	Still image: 3648x2736 / 3648x2432 (3:2 format) / 2592x1944 / 2048x1536 / 1600x1200 / 640x480 pixels
Lens	Fujinon 18x Optical zoom lens, F2.8 (Wide) - F4.5 (Telephoto)
Lens focal length	f=4.7mm - 84.2mm, Equivalent to 27 - 486mm on a 35mm camera
Aperture	F2.8 - F8.0 (Wide) / F4.5 - F8.0 (Telephoto), max 10 steps in 1/3 EV increment
Digital zoom	Approx. 5.7x
Focus distance	Normal: Wide angle: Approx. 70cm / 2.3 ft. to infinity Telephoto: Approx. 1.5m / 4.9 ft. to infinity Macro: Wide angle: Approx. 10cm / 0.3 ft. to 80cm / 2.6 ft. Telephoto: Approx. 1.2m / 3.9 ft. to 3.2m / 10.5 ft. Super Macro: Approx. 1cm / 0.4 in. to 10cm / 0.3 ft.
Sensitivity	Auto / Auto (1600) / Auto (800) / Auto (400) / Equivalent to ISO 64 / 100 / 200 / 400 / 800 / 1600 / 3200 / 6400 (Standard Output Sensitivity) *ISO 3200 / 6400: 5M pixels or lower (Number of recorded pixels)
Exposure control	TTL 256-zones metering
Exposure modes	Programmed AE, Aperture Priority AE, Shutter Priority AE, Manual
Shooting modes	Mode dial: Auto, PS (Picture Stabilization), Natural Light, Natural Light & with Flash, Zoom Bracketing, SP, P, A, S, M, Movie SP: Portrait, Landscape, Sport, Night, Fireworks, Sunset, Snow, Beach, Museum, Party, Flower, Text, Auction
Image stabilizer	CCD-shift type
Shutter speed	1/4 sec. to 1/2000 sec. (AUTO mode) 4 sec. to 1/2000 sec. (All other modes)
Continuous shooting	Top-3 (max. 1.1 frames/sec.), Long-period (max. 0.5 frames/sec.) Top-33, High speed (max. 6.8 frames/sec., 5M pixels or lower) Top-33, Ultra High speed (max. 13.5 frames/sec., 3M pixels or lower)
Auto bracketing	±1/3EV, ±2/3EV, ±1EV
Focus	Auto focus (Area, Multi, Center) / Continuous AF / Manual focus AF assist illuminator available
White balance	Automatic scene recognition Preset (Fine, Shade, Fluorescent light (Daylight), Fluorescent light (Warm White), Fluorescent light (Cool White), Incandescent light), Custom
Self-timer	Approx. 10 sec./2 sec. delay
Flash	Auto flash Effective range: (ISO AUTO (800)): Wide angle: Approx. 50cm / 1.6ft. to 8.8m / 28.9 ft. Telephoto angle: Approx. 50cm / 1.6 ft. to 5.6m / 18.4 ft. Macro: Approx. 30cm / 1.0 ft. to 3m / 9.8 ft. Flash modes: Red-eye removal OFF: Auto, Forced Flash, Suppressed Flash, Slow Synchro Red-eye removal ON: Red-eye Reduction Auto, Red-eye Reduction & Forced Flash, Suppressed Flash, Red-eye Reduction & Slow Synchro
Electronic viewfinder	0.24-inch, Approx. 230,000 dots color LCD monitor, Approx. 97% coverage, 60fps
LCD monitor	2.5-inch, Approx. 230,000 dots, Amorphous silicon TFT color LCD monitor (WV type), Approx. 97% coverage, 60fps
Movie recording	640x480 pixels, 30 frames/sec. 320x240 pixels, 30 frames/sec. With monaural sound, with Electronic Image Stabilization *Zoom function cannot be used during movie recording.
Photography functions	Zoom bracketing, Instant zoom, Face detection (with red-eye removal), High speed shooting, Best framing, Post shot assist windows, Frame No. memory, Histograms
Playback functions	Face detection, Slide show, Scrap book view slide show, Trimming, Multi-frame playback (with Micro thumbnail), High-speed playback, Sorting by date, Image rotate, Voice memo, Histograms (Highlight warning)
Video output	NTSC / PAL selectable
Digital input/output	USB
Power supply*4	4xAA type alkaline batteries (included) / 4xAA type Ni-MH rechargeable batteries (optional) or AC power adapter AC-5VX (optional)
Dimensions	111.3 (W) × 78.2 (H) × 79.3 (D) mm / 4.4 (W) × 3.1 (H) × 3.1 (D) in. (excluding accessories and attachments)
Weight	Approx. 405g / 14.3 oz. (excluding accessories, batteries and memory card)

*1 Number of effective pixels: The number of pixels on the image sensor which receive input light through the optical lens, and which are effectively reflected in the final output data of the still image.

*2 Please see the Fujifilm website to check memory card compatibility.

*3 Exif 2.2 is a newly revised digital camera file format that contains a variety of shooting information for optimal printing.

*4 Manganese dry, nickel-cadmium and lithium AA batteries cannot be used with this product.

*5 "CIPA DC-002-2003 Standard Procedure for Measuring Digital Still Camera Battery Consumption"
(extract) Pictures shall be taken at a temperature of 23°C, with the LCD monitor turned on, the zoom moved from full wide-angle to full telephoto (or vice-versa) and back again to its original position every 30 seconds, the flash used at full power every second shot and the camera turned off and on again once every 10 shots.

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FUNCTIONS



Number of images / recording time

Modes	Still image							Movie	
	3648x2736 (3:2 format)	2592x1944	2048x1536	1600x1200	640x480	Quality	VGA (30 fps)	QVGA (30 fps)	
Number of recorded pixels	3648x2736	2592x1944	2048x1536	1600x1200	640x480				
Quality	JPEG Fine	JPEG Normal	JPEG	JPEG	JPEG	JPEG	VGA (30 fps)	QVGA (30 fps)	
Internal memory (Approx. 58MB)	11	23	25	44	70	87	62 sec.	99 sec.	
xD-Picture Card™ 256MB	51	103	115	199	313	390	1599	4.7 sec.	
512MB	103	206	231	399	626	779	3196	9.3 min.	
1GB	207	412	463	799	1254	1560	6397	18.7 min.	
2GB	415	820	927	1599	2460	3046	12796	36.8 min.	
SD memory card 512MB	100	199	224	386	606	754	3095	9.0 min.	
1GB	201	399	449	774	1215	1511	6197	18.1 min.	
2GB	402	795	898	1550	2385	2953	12403	35.6 min.	
SDHC memory card 4GB	805	1591	1798	3102	4773	5909	24821	70.5 min.*	
8GB	1617	3192	3609	6225	9578	11858	49807	141.0 min.*	

Actual number of frames and recording time varies depending on the types of memory card or shooting conditions.
*A movie recording will stop automatically when the movie file size becomes approx. 2GB.

OPTIONAL ACCESSORIES

xD-Picture Card™ DPC-M512 / DPC-M1GB / DPC-M2GB
PC Card Adapter DPC-AD
Compact Flash™ Card Adapter DPC-CF
AC Power Adapter AC-5VX

Accessory availability may vary by country.
Please check with your local Fujifilm representative to confirm product availability.

ACCESSORIES INCLUDED

4xAA type Alkaline batteries / Shoulder strap / Lens cap / Lens cap cord / USB cable / AV cable / CD-ROM: FinePixViewer / Owner's manual

Guide to number of available frames for battery operation

Battery	LCD monitor status	Number of frames
4xAA type alkaline batteries	LCD monitor ON	Approx. 300 frames
Ni-MH rechargeable batteries	LCD monitor ON	Approx. 500 frames

According to the Camera & Imaging Products Association (CIPA) standards.*5



For more information, please visit our Website:
http://www.fujifilm.com/products/digital_cameras/index.html

Specifications are subject to change without notice.
All sample photos are simulated images.

FUJIFILM FINEPIX S8100fd

NEW

Single Lens Solution Covers
Wide, Standard & Telephoto Range



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Ref. No. EB-708ER (SK-08-02-F1120-F9711) Printed in Japan©2008 FUJIFILM Corporation

10.0 Megapixels

27-486mm 18x Optical Zoom Lens

Dual IS (Image Stabilization)





18x Zoom

Macro

2

3

1

27mm Wide Angle

FINEPIX S8100 *fd*

**Active Long Zoom
For Every Shooting Scenario**

The FinePix S8100fd is equipped with an ultra-high quality Fujinon 18x optical zoom lens, covering an extremely broad range of focal lengths from wide 27mm to super-telephoto 486mm*. Despite this high-performance 18x zoom lens, the FinePix S8100fd is designed to be compact and easy to carry, making it the ultimate photographer's traveling companion.

*35mm equivalent





10.0 Megapixels

A 10.0-megapixel CCD sensor gives you the superior resolution you need to capture the world around you in vivid color and lavish detail, enabling you to print, enlarge and even crop your images in any fashion you choose.

High Sensitivity

With a maximum sensitivity of ISO 6400*, scenes shot in low light appear more true to life. And high sensitivity lets you capture impressive stop-action images, even when the subject is moving at high speeds.

*At ISO 6400/3200, resolution is limited to a maximum 5 megapixels. At full resolution (10 megapixels), sensitivity is limited to a maximum ISO 1600.

Dual IS (Image Stabilization) Mode (👉)

Activated by a single Dual IS button, CCD shift image stabilization and high sensitivity work together to minimize blurring caused by camera shake or subject movement. In this mode, you can capture all the excitement and action in attractive, blur-free photos, even when shooting with fully extended zoom.



Conventional digital camera



FinePix S8100fd

PS (Picture Stabilization) Mode (👤)

Picture Stabilization automatically adjusts shutter speed and sensitivity (up to ISO 1600) to prevent blur. Used in conjunction with Dual IS Mode, Picture Stabilization minimizes blur from camera shake or subject movement, even in low-light situations.

Intelligent Flash

Intelligent Flash calculates subject position, camera distance and brightness of the scene, and automatically adjusts sensitivity and flash output to capture optimum foreground and background detail.

Natural Light & with Flash

This convenient mode takes the same scene with and without flash with a single press of the shutter. The resulting shots can be displayed side-by-side for comparison and selection.



Natural Light (flash off)

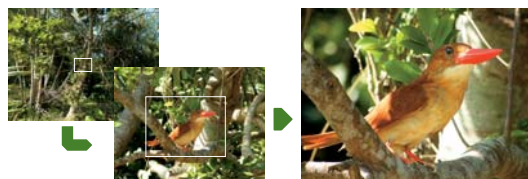


With Flash

Zoom Right In

18x Optical Zoom

With a high-performance 18x optical zoom lens that offers an extremely wide focal range of 27-486mm*, the FinePix S8100fd covers everything from wide-angle landscapes to super-telephoto portraits and sports photography. Eliminating the need to carry or change bulky lenses, you're constantly equipped for every photo situation. *35mm equivalent



Super Macro Mode

Super Macro mode lets you move in as close as approx. 1cm (0.4 inch) making it easy to take impressive full-frame close-ups.



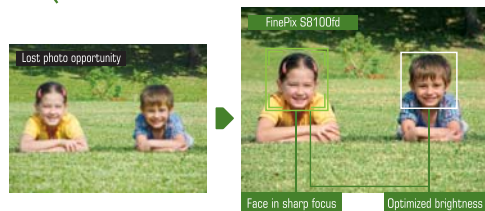
Instant Zoom NEW

Instant Zoom is a convenient new function for capturing moving subjects at high zoom settings. After you zoom in on your subject, a single button gives you an additional 1.4x or 2x digital zoom for added zoom impact. Instant Zoom also makes it easy to frame and compose your shots.

Faces Make The Picture

Face Detection

Face Detection instantly identifies faces in the scene and automatically adjusts focus and exposure to ensure beautiful people pictures. Operating throughout the entire range of the 18x zoom lens, Face Detection identifies faces even at a distance, so that the people in your pictures are in clear focus.



Red-Eye Removal

The FinePix S8100fd features a red-eye removal function that automatically detects and corrects unsightly red-eye reflections that often spoil flash snapshots of people.

Zoom Bracketing NEW

For fail-safe portraits or active zoom snapshots, a convenient Zoom Bracketing function automatically records the same image three times with zoom ratio settings of 1x, 1.4x and 2x at a single release of the shutter.



When function is activated, three frames are previewed in the viewfinder at 1x, 1.4x and 2x. In 10-megapixel mode, 1.4x frame is captured at 5M; 2x frame at 3M.

Breaking The Speed Limit

Continuous Shooting at High-Speed 13.5fps, Up to 33 Frames

The FinePix S8100fd offers a high-speed continuous shooting mode that captures up to 13.5 frames per second in a burst, perfect for moving subjects.

Shooting Speed	Number of Recorded Pixels
6.8 frames/sec.*	5M or lower
13.5 frames/sec.*	3M or lower

*up to 33 frames



High-Speed Playback NEW

A new High-Speed Preview function allows you to immediately view the entire content of your memory card, making it easy to retrieve the image you want. With this function, pictures can be played back at speeds of approx. 10 frames per second. Or use it to stream a sequence shot in continuous shooting mode – it's like viewing a movie!

Additional Features

2.5" LCD with Wide View Film

The bright 2.5-inch LCD is coated with Wide View film, offering an expanded viewing angle that comes in handy for composition or for viewing and sharing pictures.



Micro Thumbnail View

The high-resolution LCD can display up to 100 picture images simultaneously in 10x10 array. Use this micro thumbnail view to instantly select specific photos to view or print.

Versatile Shooting Modes

In addition to a wide range of shooting modes, the FinePix S8100fd offers a selection of versatile scene positions that ensure optimum results no matter what the scene.

Mode Dial

AUTO Auto	Picture Stabilization	Natural Light	Natural Light & with Flash
Zoom Bracketing	SP Scene Position	P Program Auto	S Shutter Priority Auto
A Aperture Priority Auto	M Manual	Movie	

Scene Position

Portrait	Landscape	Sport	Night	Fireworks
Sunset	Snow	Beach	Museum	Party
Flower	Text	Auction		

xD/SD-Compatible

Compatibility with both xD Picture Card and SD/SDHC memory cards gives you added flexibility for recording, transfer and playback of photo images.

