

FUNCTIONS



SPECIFICATIONS

DIGITAL CAMERA FinePix S9500

Number of effective pixels* 9.0 million pixels

CCD sensor 1/1.6-inch Super CCD HR

[Number of total pixels: 9.24 million pixels]

Number of recorded pixels Still image: 3488x2616/3696x2464/2592x1944/2048x1536/1600x1200/640x480 pixels

Movie: 640x480/320x240 pixels, 30 frames/sec., with monaural sound

Storage media Slot No.1: xD-Picture Card™ (16MB to 1GB)

Slot No.2: Microdrive™ (Some CompactFlash™ cards may not work properly)

File format Still image: CCD-RAW/JPEG (Exif Ver 2.2)**)

Movie: AVI (Motion JPEG)

[Design rule for Camera File system compliant/DPOF-compatible]

Number of images/recording time

Quality	CCD-RAW	9M Fine	9M Normal	3:2	5M	3M	2M	0.3M
Number of recorded pixels	—	3488x2616	3696x2464	2592x1944	2048x1536	1600x1200	640x480	
Image data size	18.8MB	4.5MB	2.2MB	2.2MB	1.2MB	780KB	630KB	130KB
DPC-16 (16MB)	0	3	6	6	12	19	25	122
DPC-32 (32MB)	1	6	13	13	25	40	50	247
DPC-64 (64MB)	3	13	28	28	50	81	101	497
DPC-128 (128MB)	6	28	56	56	102	162	204	997
DPC-256 (256MB)	13	56	113	113	204	325	409	1997
DPC-512 (512MB)	27	113	227	227	409	651	818	3993
DPC-1024 (1GB)	54	228	456	456	819	1305	1639	7995
Microdrive 340MB	18	77	155	155	279	445	559	2729
Microdrive 1GB	55	234	469	469	842	1313	1642	8212

Movie

Quality	640x480	320x240
DPC-16 (16MB)	Approx. 13 sec.	Approx. 26 sec.
DPC-32 (32MB)	Approx. 27 sec.	Approx. 54 sec.
DPC-64 (64MB)	Approx. 55 sec.	Approx. 109 sec.
DPC-128 (128MB)	Approx. 111 sec.	Approx. 219 sec.
DPC-256 (256MB)	Approx. 223 sec.	Approx. 7.3 min.
DPC-512 (512MB)	Approx. 7.4 min.	Approx. 14.6 min.
DPC-1024 (1GB)	Approx. 14.9 min.	Approx. 29.3 min.
Microdrive 340MB	Approx. 5.1 min.	Approx. 10.0 min.
Microdrive 1GB	Approx. 15.3 min.	Approx. 30.1 min.

The number of images and recording time will vary slightly depending on the type of subject.

Lens	Fujinon 10.7x optical zoom lens, F2.8 - F4.9
Lens focal length	f = 6.2 - 66.7 mm (Equivalent to 28 - 300 mm on a 35 mm camera)
Focus	Auto focus (Area, Multi, Center)/Manual focus/Continuous AF AF assist illuminator available. Effective range: up to 3.5 m (Wide angle)
Focus distance	Normal: Wide angle: 50 cm/1.6 ft. to infinity Telephoto: 2.0 m/6.6 ft. to infinity Macro: Wide angle: Approx. 10 cm - 3 m/3.9 in. - 9.8 ft. Telephoto: Approx. 90 cm - 3 m/3.0 ft. - 9.8 ft. Super Macro: Approx. 1cm - 1m/0.4 in. - 3.3 ft. (Wide angle only)
Shutter speed	Auto/Anti-blur/Natural light/Portrait/Landscape: 1/4 sec. to 1/4000 sec. Night Scene: 4 sec. to 1/500 sec. P/S/A: 4 sec. to 1/4000 sec., M: 30 sec. to 1/4000 sec. Bulb (Up to 30 sec.)
Aperture	F2.8 - F11, 13 steps in 1/3EV increments Manual/Auto selectable
Sensitivity	Auto/Equivalent to ISO 80/100/200/400/800/1600
Exposure control	256-zone TTL metering-multi, spot, average
Exposure modes	Programmed AE, Aperture Priority AE, Shutter Priority AE, Manual
White balance	Automatic Manual: Fine, Shade, Fluorescent light (Daylight), Fluorescent light (Warm White), Fluorescent light (Cool White), Incandescent light, Custom (2 types)
Electronic Viewfinder	0.44-inch low temperature polysilicon TFT (approx. 235,000 pixels), Approx. 100 % coverage
LCD monitor	1.8-inch low temperature polysilicon TFT (approx. 118,000 pixels), Approx. 100 % coverage
Flash	Auto flash using flash control sensor Effective range: Wide angle (30 cm to 5.6 m/1.0 ft. to 18.4 ft.) Telephoto (60 cm to 3.0 m/2.0 ft. to 9.8 ft.) Flash mode: Auto, Red-eye Reduction, Forced Flash, Suppressed Flash, Slow Synchro, Red-eye Reduction + Slow Synchro
Self-timer	Approx. 2 sec/10 sec. delay
Video output	NTSC/PAL selectable
Digital interface	USB2.0 High-Speed
Power source	4 AA type alkaline batteries (included)/4 AA type Ni-MH rechargeable batteries (optional) or AC power adapter AC-5VX (optional)
Dimensions	128.0 (W) x 93.0 (H) x 129.0 (D) mm / 5.0 (W) x 3.7 (H) x 5.1 (D) in.
Weight	Approx. 755g/26.6 oz. (including batteries and media)

Camera functions

Digital zoom Approx. 2x (10.7x optical zoom lens is used together: Max. zoom scale: 21.4x)

Shooting modes Normal: Auto, Scene Position (Anti-blur, Natural light, Portrait, Landscape, Night Scene)

Continuous: 1. Top-4 (max 1.5 frames/sec., up to 4 frames)

2. Final-4 (max 1.5 frames/sec., up to 4 frames)

3. Long-period (max 1.1 frames/sec., up to 40 frames.)

Color modes STANDARD/CHROME/B&W

Movie recording 640x480/320x240 pixels, 30 frames/sec., with monaural sound,
AVI format (Motion JPEG), Direct recording to the media.

Voice Memo Up to 30 sec. WAV format

Playback Single frame, 9 Multi-frame, Exposure
information with histogram on playback mode,
Navigation screen on playback zoom

Accessories included 16 MB xD-Picture Card™, 4 AA type alkaline batteries,
Shoulder strap, USB cable (Mini-B), A/V cable for FinePix S9500,
Lens cap, Lens cap holder, Lens hood, CD-ROM (USB driver,
FinePix Viewer, ImageMixer VCD2 LE for FinePix, RAW File Converter LE)

* 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.

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

Exif Print

Windows® XP compatible

World standard PictBridge compatible

Specifications are subject to change without notice.

OPTIONAL ACCESSORIES

xD-Picture Card™

DPC-16 (16MB) DPC-M512 (512MB)

DPC-32 (32MB) DPC-M1GB (1GB)

DPC-64 (64MB) DPC-UD1

DPC-128 (128MB)

DPC-256 (256MB)

DPC-512 (512MB)

PC Card Adapter DPC-AD

Battery Charger with Battery BK-NH / BK-NH2

Compact Flash™ Card Adapter DPC-CF

Rechargeable Battery 2HR-3UF (2xAA type Ni-MH)

Image Memory Card Reader DPC-R1

Soft case SC-FXS9

AC Power Adapter AC-5VX

Hyper-Utility Software HS-V2 Ver3.1*

*Must be updated for compatibility with the FinePix S9500; please visit the following website:
<http://home.fujifilm.com/products/digital/download/>

Fujifilm - Official Imaging Sponsor of 2006 FIFA World Cup Germany™

For more information on the full range of Fujifilm digital products, please visit
our Website: <http://home.fujifilm.com>

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FUJIFILM
I&I - Imaging & Information

DIGITAL CAMERA
FinePix S9500

9.0 Mega Pixels

10.7x Optical Zoom

28-300mm Lens

High sensitivity



The True Photographer's Camera That Gives You "Real Photos"

NEW



FUJIFILM

FUJI PHOTO FILM CO., LTD.

26-30, NISHIAZABU 2-CHOME, MINATO-KU, TOKYO 106-8620, JAPAN

Ref. No. EB-505E (SK-05-08-F1120-F9711) Printed in Japan © 2005 Fuji Photo Film Co., Ltd.

The superb image quality of 9 Megapixels



JPEG mode, 3488 x 2616 pixels, 1/1200 sec., f/2.8, ISO 80 equivalent

The new FinePix S9500: Performance to rival a sophisticated digital SLR

9 Megapixels + High sensitivity

Unprecedented 9.0 effective megapixel image quality and high sensitivity capture more realistic, beautiful images than ever before, even in low light or at long telephoto settings.

28–300mm equivalent 10.7× optical zoom

From wide-angle to telephoto and even Super Macro capability to 1cm, the FinePix S9500's Fujinon zoom lens (28-300mm equivalent on a 35mm camera) lets you do it all.

0.5sec. startup

Startup time after power-on is an ultra-fast 0.5 seconds. Now you'll never miss the decisive moment.

1.8-inch tilt-angle LCD

The 1.8-inch LCD monitor swivels to let you to shoot from high and low angles with ease.

Full-quality movie capabilities

Unlike conventional digital SLRs, the FinePix S9500 offers full movie plus sound recording. Movie quality approaches that of digital videocams.

One-lens versatility and convenience

From wide angle to long telephoto, the FinePix S9500's high-performance zoom lens covers the full range of photographic possibilities. There's no need to carry heavy additional lenses, and no photo opportunities missed because of changing lenses.

Dust-free sealed construction

Because there's no need to change lenses, the FinePix S9500's sensor is protected from dust accumulation. You can always count on maximum image quality – and never worry about sensor cleaning.



Real Photo Technology

New Frontiers of Photography with Sensitivity

The superb optics of the FUJINON lens collect light and precisely form the image on the 5th-generation Super CCD HR, which works in tandem with our newly developed RP(Real Photo) Processor to perform highly sophisticated processing of the image data at ultra-high speed. The result is an incredible degree of sensitivity with very low noise. Even at the maximum pixel resolution with the highest sensitivity, the resulting photos are vividly natural and beautiful. FUJIFILM Real Photo Technology is making it possible to take the photos as never before.

Innovative RP(Real Photo) Processor

- All the advanced signal processing know-how of the acclaimed FinePix S3 Pro packed in the IC chip for uncompromising image quality in a compact digital camera.
- Two cycles of sophisticated noise reduction processing for high-quality images even at high ISO settings.
- Ultra-fast processing for "no-wait" operation, imperceptible shutter time lag and shorter shot intervals.
- Energy-efficient signal processing for longer battery life and more shots per charge.
- New contour correction processing for clearer contrast with more natural resolution.



9 Megapixels + High sensitivity

Take your photography to the next level

The FinePix S9500 features the newly developed 5th-Generation Super CCD HR sensor, boasting a remarkable 9.0 effective megapixels, the highest pixel count achieved in a consumer digital camera*. You'll immediately see the benefits: ultra-high-resolution images filled with detail and stunningly rich texture, even at the largest print sizes. But Real Photo image quality is about more than resolution. The new Super CCD HR offers high sensitivity** with unprecedented image quality thanks to the noise suppression effectiveness of the new RP Processor. The advantages are real: even at dusk outdoors or in low light indoors, you're now assured beautiful photos without tripod or flash, retaining the natural light and atmosphere of the scene.

*As of July 2005. **Up to ISO 1600 in manual shooting mode



JPEG mode, 3488 x 2616 pixels, 1/100 sec., f/5.6, ISO 800 equivalent

Anti-blur mode

Simply select the "Anti-blur" mode to take advantage of super-high sensitivity of up to ISO 800. This automatically increases shutter speed to prevent blurring from camera shake or subject movement.



1/56 sec., ISO 100 equivalent

Natural Light mode

When you choose the "Natural Light" mode, the camera automatically turns the flash off and boosts sensitivity as high as required, up to ISO 800. This is ideal for low-light situations when you want to capture not only the subject but also dark backgrounds. It's also useful when flash is undesirable, prohibited, or simply cannot reach the subject.



1/60 sec., ISO 100 equivalent



1/450 sec., ISO 800 equivalent



1/27 sec., ISO 800 equivalent

28-300mm 10.7x optical zoom lens

One touch from wide-angle to long telephoto

The newly developed Fujinon 10.7x optical zoom lens offers a focal range equivalent to a 28-300mm zoom on a 35mm camera. From wide-angle landscape or architectural shots to telephoto portraits or sports shooting, it's a one-lens solution to all your photographic needs. Despite its high zoom ratio, this compact lens delivers remarkable image quality. Chromatic aberration and linear distortion, common problems in extended-range zooms, have been virtually eliminated through Fujifilm's exclusive aspherical lens and coating technologies. And because there's no need to change lenses, the sensor is sealed from dust. You'll always enjoy pure image quality, and never have to worry about cleaning the sensor.

Wide 28mm

70mm



JPEG mode, 3488 x 2616 pixels, 1/320 sec., f/6.4, ISO 80 equivalent



JPEG mode, 3488 x 2616 pixels, 1/400 sec., f/4.0, ISO 80 equivalent

Tele 300mm



JPEG mode, 3488 x 2616 pixels, 1/240 sec., f/4.9, ISO 1600 equivalent

10.7x optical + 2x digital zoom

28mm

140mm

300mm

600mm



Wide angle



5X optical zoom



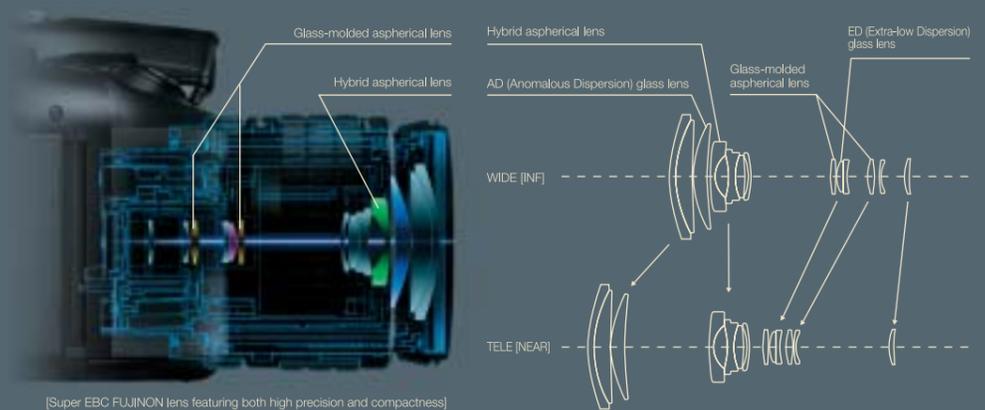
10.7X optical zoom



10.7X optical plus 2X digital zoom

Advanced lens technology

The newly developed Fujinon 10.7x optical zoom lens employs 13 elements in 10 groups, including one hybrid aspherical element and one glass-molded aspherical element, as well as advanced ED and AD glass. This formulation yields unparalleled optical quality with minimal chromatic aberrations throughout the entire zoom range. The new optical design plus a new movement system of the lens elements reduce lens size to just 66.9mm in diameter and 80.8mm in length. And a newly formulated lens coating reduces flare and ghosting, common problems with digital cameras, and contributes to superbly natural color balance.



[Super EBC FUJINON lens featuring both high precision and compactness]

High-performance shooting functions for demanding situations



JPEG mode, 3488 x 2616 pixels, 1/50 sec., f/3.8, ISO 80 equivalent

1cm Super Macro shooting

The Super Macro mode lets you move in to an amazing 1cm from your subject. Even this close, images are richly detailed and razor sharp, turning everyday objects into exciting new worlds to explore.

CCD-RAW file format support

In addition to JPEG, the FinePix S9500 also supports the CCD-RAW file format. Bundled conversion software "RAW FILE CONVERTER LE" converts the CCD-RAW file to an 8-bit TIFF-RGB format (18 million/4864 x 3648 pixels) and optional Hyper-Utility Software HS-V2 converts the CCD-RAW file to a 16-bit TIFF-RGB file. CCD-RAW files are saved directly from the CCD array, without compression.

Image parameter settings

FinePix S9500 offers three levels of customized settings for Saturation, Contrast and Sharpness. With the ability to set image parameters in advance, the FinePix S9500 gives professional photographers the flexibility they need to cope with varied shooting conditions or post-shooting image processing concerns.



1.8-inch tilt-angle LCD monitor

The newly developed 1.8-inch low-temperature polysilicon TFT tilt-angle LCD monitor swivels vertically for easy shooting from both high and low angles. Its approximately 118,000-pixel high-resolution LCD makes it easy to compose your photo, check settings, and then play back the beautiful results. Sensing ambient light, the Auto Gain function automatically adjusts LCD brightness, or you can manually boost brightness with the Low Light View button for optimum viewing indoors or outdoors. You can even select the refresh rate of the LCD display, with a standard 30fps or an enhanced 60fps for smoother viewing.

Easy manual focus/zoom rings

In addition to its precise autofocus system, the FinePix S9500 lets you focus manually by simply turning a focusing ring, just as you would with a 35mm SLR. A second ring controls the zoom, which is available even while recording movies.



14m53s

Movie recording

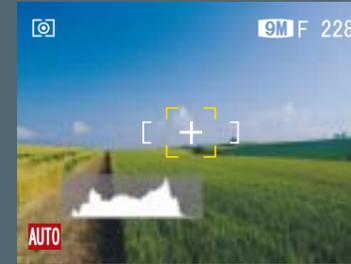
The 30fps movie mode produces beautifully smooth videos. Autofocus, auto-exposure, and zoom functions all operate normally during video recording, assuring that your subject stays in focus and properly exposed, even under changing light conditions. And movie quality approaches that of dedicated videocams.

Dazzling high-speed response

Responsiveness is a FinePix S9500 specialty. The camera is ready to shoot just 0.8 seconds after you turn it on. Focus is quick and precise, and shutter lag measures a mere 0.01 seconds – virtually instantaneous. Minimum time between shots is 1.5 seconds when using AF. In short, it's a camera that's as fast as your own reflexes.

Real-time histogram display

Call up the real-time histogram at any time to instantly confirm exposure and make sure you're capturing the entire scene from highlights to shadows. If the image is too dark or too bright, simply dial in exposure compensation. You can also view the histogram of any recorded image on the LCD monitor.



Versatile shooting modes

With 11 different shooting modes, the FinePix S9500 gives you the freedom to explore photography in all of its variety. Among these modes, an advanced "Portrait Mode" enhances the quality of your people pictures, capturing more subtle nuances of skin tones than ever before. Choose between any level of automation or manual control, with the Command dial allowing you to select program shift and specify settings such as shutter speed and aperture.



Portrait



Slow Syncro Shooting



Landscape

- M** Manual
- A** Aperture-priority Auto
- S** Shutter-priority Auto
- P** Program Auto
- AUTO** Auto Mode
- Night scene
- Movie
- Anti-blur
- Natural light
- Portrait
- Landscape

FinePix Photo button

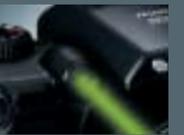
The convenient **F** button gives you one-touch access to frequently used settings including image size, ISO sensitivity, and FinePix Color mode (Standard, Chrome, and B&W). Especially notable is the Chrome mode, which is very effective for photographing vivid subjects such as blue sky and flowers.



Chrome mode

AF assist illuminator

The FinePix S9500 delivers outstanding focusing precision even at night or in low light indoors. In addition to its Super Intelligent Fast-action Dual Method AF, an AF-assist illuminator automatically projects a pattern beam of light on the subject whenever required, enabling focus even in total darkness to a distance of four meters.



Additional features

- PictBridge compatible
- USB2.0 High-speed
- Video output (NTSC/PAL)
- Dual media slots for xD-Picture Card™ and Microdrive™
- FinePixViewer software included for easy connection to your PC

