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digital
Tools for the imagination.

DIGITAL CAMERA

FinePix S602 Zoom

New



FinePix

The New Full-Featured, No-Compromise Solution to Today's Advanced Digital Photography Needs

The FinePix S602 Zoom is the perfect all-in-one solution for the serious photographer looking for a no-compromise, high-quality tool for digital photography. Incorporating Fujifilm's 3rd-Generation Super CCD technology and a significant number of new features and enhanced functions, this camera offers an unrivalled combination of flexible control, responsive handling, and superb image quality. Very simply, the FinePix S602 Zoom sets a new standard for "prosumer" digital cameras.

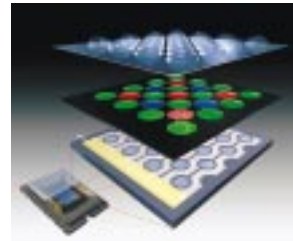


DIGITAL CAMERA *FinePix S602 Zoom*

- **3.1 million effective pixels** producing ultra-high-quality images of up to 2832 × 2128 (6.03 million) recording pixels
- **3rd-Generation 1/1.7-inch Super CCD** for superior image quality
- **Versatile Super EBC Fujinon 6X optical zoom lens** (equivalent to 35 – 210 mm for a 35 mm camera) with a maximum aperture of F2.8
- **Wide range of ISO settings** from 160, 200 and 400 up to ultra-high sensitivity equivalent to ISO 800 and 1600
- **High-quality "Motion Photo" VGA-sized movie recording** at 30 frames/second with sound
- **Fast-action dual-method auto focusing (AF) system** combining CCD and AF sensor focusing
- **Dual media slots** accept SmartMedia™ card and Microdrive™

High-Quality Imaging, High Speed and High Performance

The 3rd-Generation Super CCD



At the heart of the FinePix S602 Zoom lies the 1/1.7-inch 3rd-Generation Super CCD sensor. Boasting 3.1

million effective pixels, this system delivers ultra-high-quality images of 2832 x 2128 (6.03 million) recording pixels, for class-leading sensitivity, rich tonality, high S/N ratio and natural color reproduction. In addition to superior image quality, the 3rd-Generation Super CCD sensor offers ultra-high sensitivity, as well as superb VGA movie recording capabilities. Apart from the

new CCD sensor itself, the 3rd-Generation system incorporates a newly developed LSI image-processing algorithm for significant improvement in overall image quality.

6X Optical Zooming



The FinePix S602 Zoom features a fast, responsive F2.8 Super EBC Fujinon 6X optical zoom lens that is equivalent to 35 to 210 mm on a

35 mm camera. This professional-quality, high-precision lens boasts extremely low chromatic aberration and multi-layer coating. It employs a compact floating-type lens system with ten elements in seven groups including aspherical lenses. It offers a range of 13 f-stops, allowing complete control



ISO 1600 (1/60 sec., F3.6, Manual exposure mode)



ISO 200 (1/60 sec., F3.6, Manual exposure mode)

over depth of field.

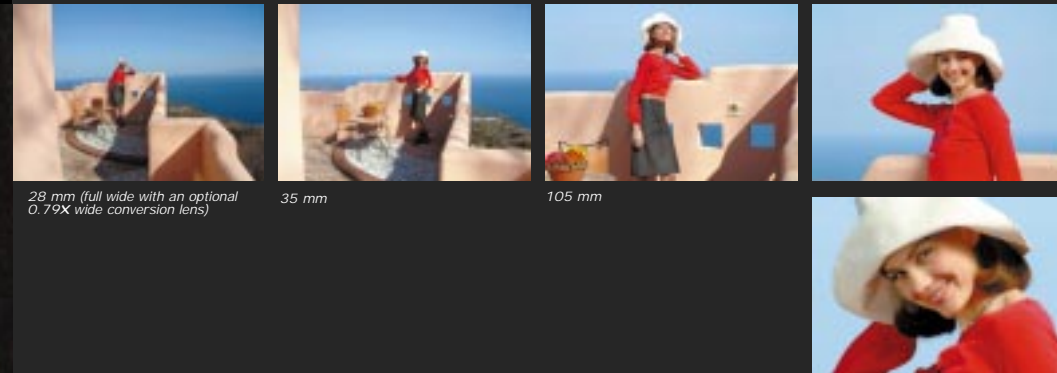
Smooth digital zooming up to 4.4X (in 640 x 480-pixel mode) helps bring the action right in front of your eyes. Combined with 6X optical zoom, the FinePix S602 Zoom can effectively magnify images up to approximately 26.4X (924 mm equivalent).

Ultra-high ISO 1600 Sensitivity

With the FinePix S602 Zoom, you can manually select sensitivity from an ISO-equivalent 160 to the ultra-high sensitivity of 800* and 1600*, allowing an ideal match for almost any shooting situation. Although Fujifilm's Super CCDs have always achieved higher sensitivity than conventional CCDs, the 3rd-Generation Super CCD further enhances this characteristic to realize a wide range of sensitivities up to ISO-equivalent 1600. This highest ISO sensitivity of any compact digital camera** was achieved through further

* In 1280 x 960-pixel mode only

** As of April, 2002



28 mm (full wide with an optional 0.79X wide conversion lens)

35 mm

105 mm

210 mm (6X optical zoom)

315 mm (6X optical zoom with an optional 1.5X tele conversion lens)

924 mm (26.4X magnification effect: 4.4X digital zoom with 6X optical zoom)

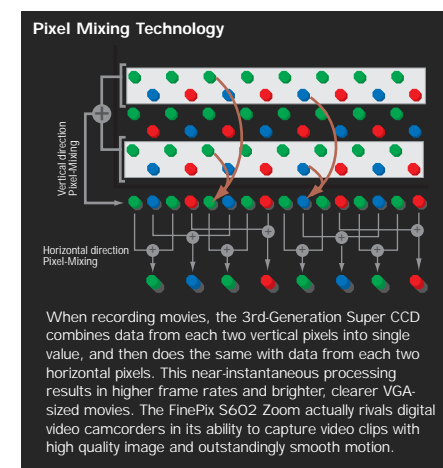
1386 mm (39.6X magnification effect: 4.4X digital zoom with 6X optical zoom and an optional 1.5X tele conversion lens)

development and refinement of the CCD, with the incorporation of innovative Noise Reduction Technology and Pixel Data Coupling Technology utilized with an advanced LSI algorithm.

The FinePix S602 Zoom excels at fast-action and non-flash shooting under low-light conditions. The higher ISO settings are also effective at preventing camera shake, a major source of image degradation.

Smooth 'Motion Photo' VGA Movie Recording

Yet another benefit made possible by the new Super CCD: VGA-sized (640 x 480 pixels) movie recording at 30 frames/second, including sound. This is achieved through a world-leading breakthrough in horizontal and



vertical direction Pixel-Mixing Technology, realized by the Super CCD's unique interwo-



VGA movie (FinePix S602 Zoom) on TV monitor



QVGA movie (previous model) on TV monitor

ven pixel arrangement.

Four times larger than the previously available QVGA size (320 x 240 pixels), VGA video clips fill the screen of a TV monitor during playback. You can also enjoy QVGA-sized movie recording at the same frame rate. Captured video clip images are smooth and highly detailed, and recorded in the Motion JPEG (AVI) format, so that you can also enjoy viewing each frame as a high quality still image.

The World of High-Speed Shutter Imaging

The electronic shutter in the FinePix S602 Zoom offers shutter speeds from 15 seconds to an amazing 1/10,000-second* when shooting manually. The combination of extremely fast shutter speed and high sensitivity setting opens a new world of creative and technical possibilities.

* World's fastest shutter speed in its class, as of April 2002

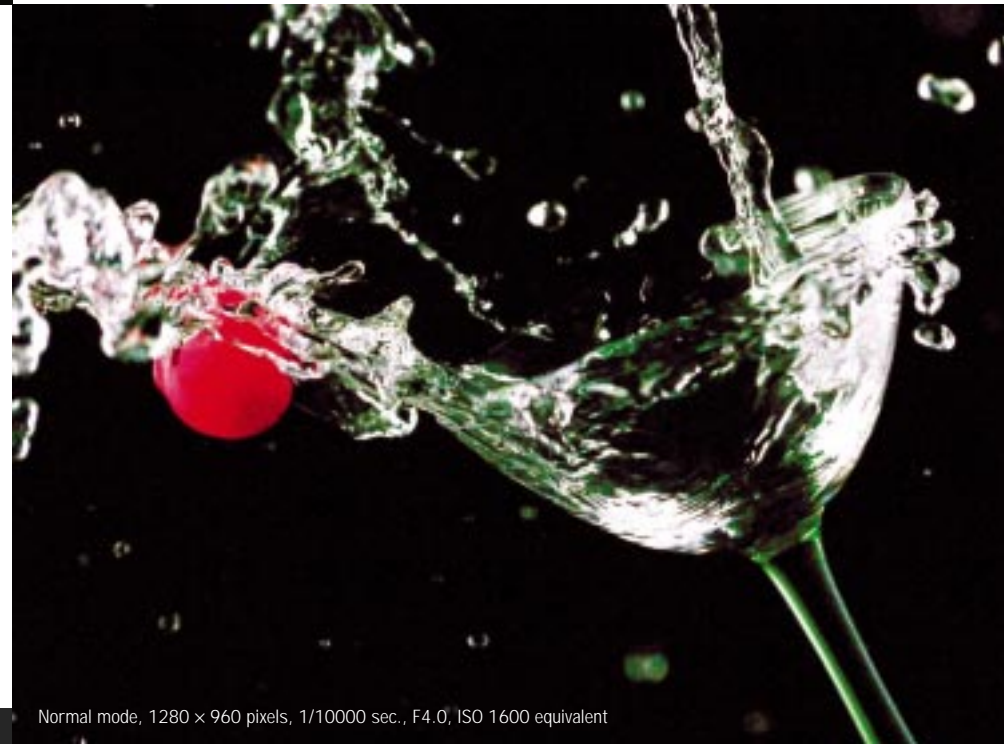
Super Intelligent Fast-Action Dual-Method Auto Focusing (AF)

The Super Intelligent Fast-Action Dual-Method Auto Focusing (AF) system developed for the FinePix S602 Zoom measures AF data in two steps: first, the AF sensor helps the camera to instantly measure the distance from the subject, then CCD contrast focus precisely adjusts the focus. The result: quicker and more accurate focusing in any situation, even in low light. The camera also lets you focus on specific areas in the viewfinder using the AF Area Focus mechanism without having to lock and recompose the shot.

Three High-Speed Continuous Shooting Modes

The FinePix S602 Zoom provides three high-speed continuous shooting modes for capturing quickly moving subjects. Depending on the situation, you can choose "TOP 5-frame" Continuous Shooting (5 frames/second for one second when shutter button is pressed), "Final 5-frame" Continuous Shooting (5 frames/second for one second just before shutter button is released**) or 1280 x 960-pixel Long-period Continuous Shooting (1.8 frames/second for up to 40 frames) mode.

** Although you can shoot up to 25 frames (5 frames/second for 5 seconds) in this continuous mode, only the five final frames just before the shutter button is released are actually captured.



Normal mode, 1280 x 960 pixels, 1/10000 sec., F4.0, ISO 1600 equivalent



Fine mode, 2832 x 2128 pixels, 1/125 sec., F9.5, ISO 160 equivalent

Comprehensive Camera Control for Perfect Visualization

Sophisticated Color and Exposure Control

Key to the enhanced image quality of the FinePix S602 Zoom are newly developed auto white balance and auto exposure (AE) functions, each designed to best match the characteristics of the new Super CCD.

• Super Intelligent Auto White Balance

The advanced Super Intelligent Auto White Balance of the FinePix S602 Zoom precisely detects lighting conditions on your subjects, even in situations with several different light sources including flash, and evaluates each factor to deliver highly accurate, natural colors.

• Super Intelligent Auto Exposure

The 64-zone TTL metering system consistently produces perfect exposures, even under the most difficult lighting conditions.

Precise, Versatile Exposure Control



The FinePix S602 Zoom gives you a selection of various exposure control modes for easy, convenient picture taking. Using the main control dial

on the top panel, aperture and shutter-speed can be quickly set to your preferences. The AE lock is easily controlled with your right thumb.

To handle the widest possible variety of light conditions, the FinePix S602 Zoom offers three light metering choices: 64-TTL Multi, Spot and Average.

P Programmed AE

In this mode, the camera automatically selects shutter speed and aperture, while allowing you to set all other parameters.

S Shutter Speed Priority AE

This mode lets you select the shutter speed, from 1/1,000-second to 3 seconds.

A Aperture-Priority AE

This mode lets you select the lens aperture over a range of 13 f-stops, from f/2.8 to f/11.

M Manual exposure

For times when you want full creative control, Manual exposure mode allows you to select shutter speed and aperture independently.

AUTO Auto

In this mode, the camera sets all camera parameters for you, automatically assuring optimum performance.



Macro mode



1-cm Super Macro

SP Scene Position

This mode offers convenient five special program modes: Portrait, Landscape, Sports, Night Scene and Black-and-White.

1-cm Super Macro

The Super Macro mode of the FinePix S602 Zoom lets you move in to an amazing 1 cm from your subject. At this distance, an area measuring approx. 20x30 mm fills the finder frame.

Powerful Manual Shooting Functions

The FinePix S602 Zoom boasts some of the most comprehensive manual shooting controls of any digital cameras in its class—functions designed to meet the demanding needs of professional photographers.

• Manual Focus

In addition to its highly accurate dual-method AF system, the manual focus mode allows precise focus by turning the focus ring.

• Manual White Balance

The camera provides six white balance presets as well as precise fine-tuning. In addition to manual white balance, the FinePix S602 Zoom offers a Custom White Balance setting: simply select the mode to preset the white balance for as long as required. This function is especially useful when the exact lighting conditions cannot be determined on the spot.

• **Extended Exposures**
The FinePix S602 Zoom offers improved extended exposure capability of up to 15 seconds, with lower noise than ever before. The wide range of slow shutter speeds makes possible a variety of unique effects.

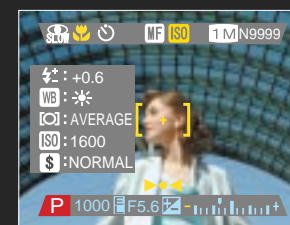
• Auto Exposure Bracketing

You can use the camera's Auto Exposure Bracketing function to automatically capture three consecutive exposures in 1/3, 2/3 or 1 EV increments over and under the set exposure.

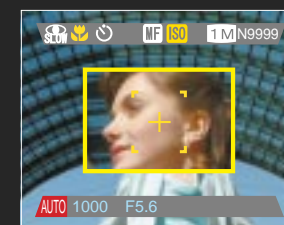
• Exposure Compensation

Exposure compensation can be adjusted in the Programmed AE, Aperture priority AE and Shutter Priority AE modes, from -2 to +2 EV in 1/3-step increments.

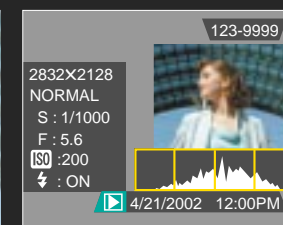
Viewfinder Information



All Information



Picture in Picture (2X)



Histogram

• Multi-Exposure Shooting

A multi-exposure mode allows you to preview and compare different exposures of the same image before saving the best selection (or to exit the session without recording any images).

• Sharpness Setting

Three sharpness settings are available: Hard, Soft, or Normal. Hard emphasizes the edge areas of images, while Soft turns off all in-camera sharpening.

• Preview/Post-View Function

This function displays the most recently captured image on-screen. Post-view displays the image for few seconds and then automatically records it to the storage media card. Preview provides the option of deleting an image immediately if it you don't wish to record it.

• Histogram Display

You may view the histogram of any captured image on the LCD monitor before or after recording the image on the storage media card.

Ergonomic Handling and Intuitive Operation

The new body design of the FinePix S602 Zoom offers quality SLR-style handling, further enhanced with a large grip and an improved control layout. High-end SLR camera enthusiasts will feel immediately at

home, with a design that naturally fits the hands, and logical, well-placed controls.

User-Friendly 180,000-Pixel Electronic Viewfinder (EVF)

The user-friendly, high-resolution 180,000-pixel LCD viewfinder built into the FinePix S602 Zoom ensures a crystal-clear preview image, free of the usual glare problems. It offers true TTL framing and full on-screen information for each shot, including shot number, shutter speed, f-stop, ISO setting, exposure compensation, histogram, etc. The EVF also features a dioptic control allowing it to be adjusted to perfectly match each user's eyesight.

Dual Media Slots



The FinePix S602 Zoom is equipped with convenient dual media slots for SmartMedia™ card and Microdrive™, letting you concentrate on the shooting

without worrying about storage space. You can even insert different types of media in each slot and then select which one you want to use to store each image as you shoot.

Hot Shoe Adapter for External Flash

In addition to the built-in pop-up flash, a hot shoe on the top panel enables synchronized

use of external flash units. The camera can synchronize with an external flash at any shutter speed up to 1/1,000 second.

Convenient Voice Memo

The FinePix S602 Zoom includes a convenient voice memo function that enables you to record up to 30 seconds of audio, which can then be attached to any image file in the WAV format.

Long-Life Battery

Engineered for low power consumption, a single set of four AA alkaline batteries enables the FinePix S602 Zoom to take up 210 shots with EVF on and LCD off.

Easy Link to Any PC

The USB connection and included FinePixViewer software makes it easy to downloading image files, video files and audio files to your PC for viewing or monitoring. FinePixViewer also lets you connect to Fujifilm's Internet service*, while the included "PictureHello**" utility software turns your FinePix S602 Zoom into a Webcam.

* Contents of this service will differ depending on the country in which you live.

** PictureHello can be used between certain types of FinePix cameras that have PC camera functions.

Windows XP Compatible

The FinePix S602 Zoom and included USB driver software are certified as "Designed by Microsoft® Windows XP". They also can be used with Windows 98SE/2000/ME or Mac OS.




Fine mode, 2832 x 2128 pixels, 8 sec., F11, ISO 160 equivalent



Simulated LCD/EVF display images

SPECIFICATIONS

DIGITAL CAMERA FinePix S602 ZOOM

Number of effective pixels*	3.1 million pixels					
CCD sensor	1/1.7-inch Super CCD in an interwoven pattern Number of total pixels: 3.3 million pixels					
Number of recorded pixels	2832 × 2128 (6.03 million)/2048 × 1536/1280 × 960/640 × 480 pixels					
File format	Still image: JPEG or TIFF-RGB (Exif Ver. 2.2**) Movie: AVI (Motion JPEG) Design rule for Camera File system compliant/DPOF-compatible 					
Storage media	Slot No. 1: SmartMedia™ card (3.3V, 2MB to 128MB) Slot No. 2: Microdrive™ (Some CompactFlash™ cards may not work properly.)					
Number of images						
Modes	Still image (2832 × 2128 pixels)				Movie	
Image Quality mode	Hi	Fine	Normal	Basic	640 × 480 pixels	320 × 240 pixels
MG-16S/SW	1	6	13	33	Approx.13 sec.	Approx.27 sec.
MG-32S/SW	0	13	28	68	Approx.27 sec.	Approx.55 sec.
MG-64S/SW	3	26	56	137	Approx.55 sec.	Approx.110 sec.
MG-128S/SW	7	53	113	275	Approx.110 sec.	Approx.220 sec.
Microdrive 340MB	19	147	311	765	Approx.5 min.	Approx.10 min.
Microdrive 1GB	59	443	938	2190	Approx.15 min.	Approx.30 min.

Note: The numbers of images and recording time will vary slightly depending on the type of the subject.

Lens	Super EBC Fujinon 6X optical zoom lens				
Lens focal length	Equivalent to 35 – 210 mm on a 35 mm camera				
Focus	Autofocus/AF Area Focus/Manual Focus AF system: AF sensor and CCD-AF				
Focus distance	Normal: 50 cm/1.6 ft. to infinity Macro: 10 cm – 80 cm/0.3 ft. – 2.6 ft. Super Macro: 1 cm – 20 cm/0.4 in. – 7.9 in.				
Aperture	F 2.8 – 11 (13 levels in 1/3EV steps)				
Viewfinder	0.44-inch 180000 pixel electronic viewfinder, built-in diopter adjustment				
Exposure control	64-zone TTL metering (multi, spot, average)				
Exposure modes	Programmed AE, Aperture-Priority AE, Shutter-Priority AE, Manual				
Sensitivity	Equivalent to ISO 160, 200, 400 ISO 800, 1600 (Only in 1280 × 960-pixel mode)				
Shutter speed	AUTO, Scene Position mode: 3 to 1/2000 sec. Programmed AE, Aperture-Priority AE, Shutter-Priority AE: 3 to 1/1000 sec. Manual: 15 to 1/10000 sec.				
White balance	Automatic Manual: Fine, Shade, Fluorescent light (Daylight), Fluorescent light (Warm White), Fluorescent light (Cool White), Incandescent light, 2 types of Custom White Balance				
Flash	Auto flash using flash control sensor Effective range (at AUTO): Wide: 0.3 m – 5.4 m/1.0 ft. – 17.7 ft. Telephoto: 0.9 m – 5.0 m/3.0 ft. – 16.4 ft. Flash mode: Auto, Red-eye Reduction, Forced Flash, Suppressed Flash, Slow Syncro, Slow Syncro with Red-eye Reduction Hot shoe (for external flash)				
LCD monitor	1.8-inch low temperature polysilicon TFT (110000 pixels)				
Video output	NTSC or PAL (depending on local TV system)				
Terminal	USB Interface, audio/video, power-input socket				
Power source	4 AA alkaline batteries (included), 4 AA type Ni-MH batteries, or AC power adapter AC-5VH/AC-5VHS (optional)				
Dimensions	121.0 (W) × 81.5 (H) × 97.0 (D) mm/4.8 (W) × 3.2 (H) × 3.8 (D) in.				
Weight	500g/17.6 oz. (excluding battery)				
Camera functions					
<i>Digital zoom</i>	4.4X (640 × 480 pixels), 2.2X (1280 × 960 pixels), 1.4X (2048 × 1536 pixels)				
<i>Shooting modes</i>	AUTO, Scene Position (Portrait, Sports, Scene, Night scenery, B/W) P: Programmed Auto, A: Aperture-Priority Auto, S: Shutter-Priority Auto, M: Manual				
<i>Continuous shooting mode</i>	(1) Top 5-frame continuous shooting: 5 frames/sec. up to 5 frames (2) Final 5-frame continuous shooting: 5 frames/sec. up to 5 frames within 5 sec. (3) Long-period continuous shooting with 1280 × 960-pixel mode: 1.8 frames/sec. up to 40 frames				
<i>Movie recording</i>	640 × 480 pixels: 30 frames/sec***, 340 × 240 pixels: 30 frames/sec. with monaural sound, AVI format (Motion-JPEG)				
<i>Voice memo Playback</i>	Monaural, up to 30 sec, WAV format Single frame (with 18X Playback zoom), 9 Multi-frame, Playback information display including histogram indication				
<i>Others</i>	Auto bracketing, Sharpness setting, Multiple exposure Self-timer (2 sec. or 10 sec. delay), DPOF, Photography information display				
Accessories included	16MB SmartMedia™ card, 4 AA type alkaline batteries, Shoulder strap, Lens cap, Lens cap holder, A/V cable, USB cable CD-ROM • USB driver • FinePixViewer • DP Editor • Apple QuickTime™ 5.0 • VideoImpression™ • Adobe PhotoDeluxe® HE 4.0 for Windows				

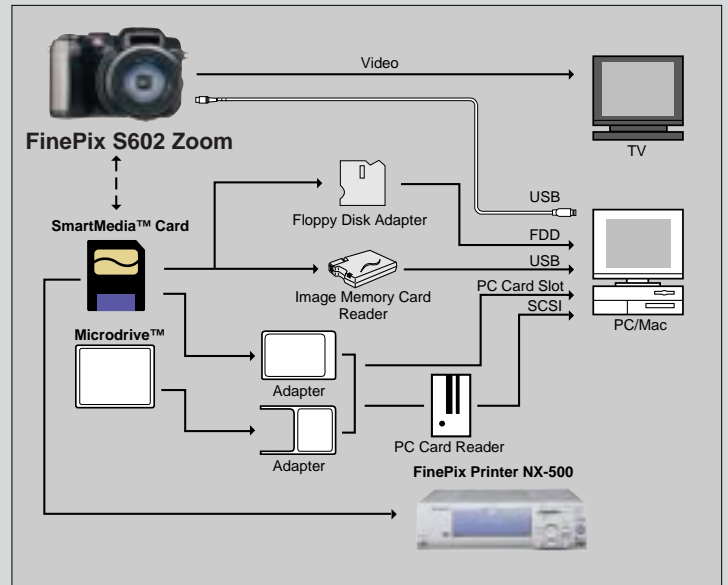
* Number of effective pixels: The number of pixels on the image sensor which receive input light through the optical lens, and which are effectively reflected in the final output data of the still image.

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

*** PC with a Pentium® 4 or faster processor or Macintosh computer with a G4 867 MHz or faster processor recommended for playback of movie files (640 × 480 pixels at 30 frames/sec.).

Specifications are subject to change without notice.

SYSTEM CONFIGURATION



OPTIONAL ACCESSORIES

	Image Memory Card MG-16SW MG-32SW MG-64SW MG-128SW		Battery Charger with Battery BK-NH • Charged in approx. 2 hours, • With Euro type or UK type plug
	Floppy Disk Adapter FD-A2		Rechargeable Battery 2HR-3UF • 4 × AA-type Ni-MH
	PC Card Adapter PC-AD3		Wide Conversion Lens WL-FX9**** • X0.79 • ø55mm thread • with Adapter Ring
	Image Memory Card Reader SM-R2 (USB)		Tele Conversion Lens TL-FX9**** • X1.50 • ø55mm thread • with Adapter Ring
	Image Memory Card Reader DM-R1 (IEEE 1394)		Adapter Ring AR-FX9 • ø55mm thread
	AC Power Adapter AC-5VH/AC-5VHS		Soft Case SC-FX602

**** Do not use internal flash with this conversion lens.

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



FUJI PHOTO FILM CO., LTD.

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

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