FUJIFILM

DIGITAL CAMERA

FinePix S5 Pro

NEW

SUPER CCD SR Pro

The Next Evolutionary Stage

FUJIFILM Takes the Digital SLR to the Next Level.
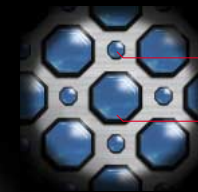
SUPER CCD SR Pro

Real Photo Technology Pro

The next evolutionary stage of advanced digital image processing technology

FUJIFILM's long experience in film photography and cutting-edge digital image processing technology have crystallized in the ultimate image quality technology – "Real Photo Technology Pro". This fusion of our new Super CCD SR Pro and RP(Real Photo) Processor Pro realizes ultrahigh resolution with a superb S/N ratio, wider dynamic range and rich tonality for performance and image quality beyond even the imagination of professionals.

NEW

Super CCD SR Pro
High Sensitivity ISO3200 & High S/N Ratio

Emulating the composition of negative film, the unique double-photodiode matrix of Super CCD SR Pro consists of 6.17 million high-sensitivity S-pixels with large light reception surface area and 6.17 million R-pixels for wide dynamic range with small light receptor area. The large 23.0mm × 15.5mm CCD with its high resolution canvas of 12.3 million effective pixels also achieves a dynamic range of 400%, approaching that of negative film. Also its optimized optical low pass filter enables ultrahigh resolution while minimizing moiré. Achieving both high resolution and high S/N ratio, it captures subjects in clear, exquisite detail.

"R" pixel for extended dynamic range

"S" pixel for high sensitivity

SUPER CCD SR Pro

NEW

RP(REAL PHOTO) PROCESSOR Pro
Exhaustive Noise Reduction & Smoother Tonality

This newly developed processor features the very latest in digital image processing technology. Using "Double Noise Reduction" and a unique advanced algorithm, RP Processor Pro accurately identifies, separates and eliminates virtually only noise from the image data signal. Even at the highest sensitivity of ISO3200, the clarity is amazing.

RP Processor Pro
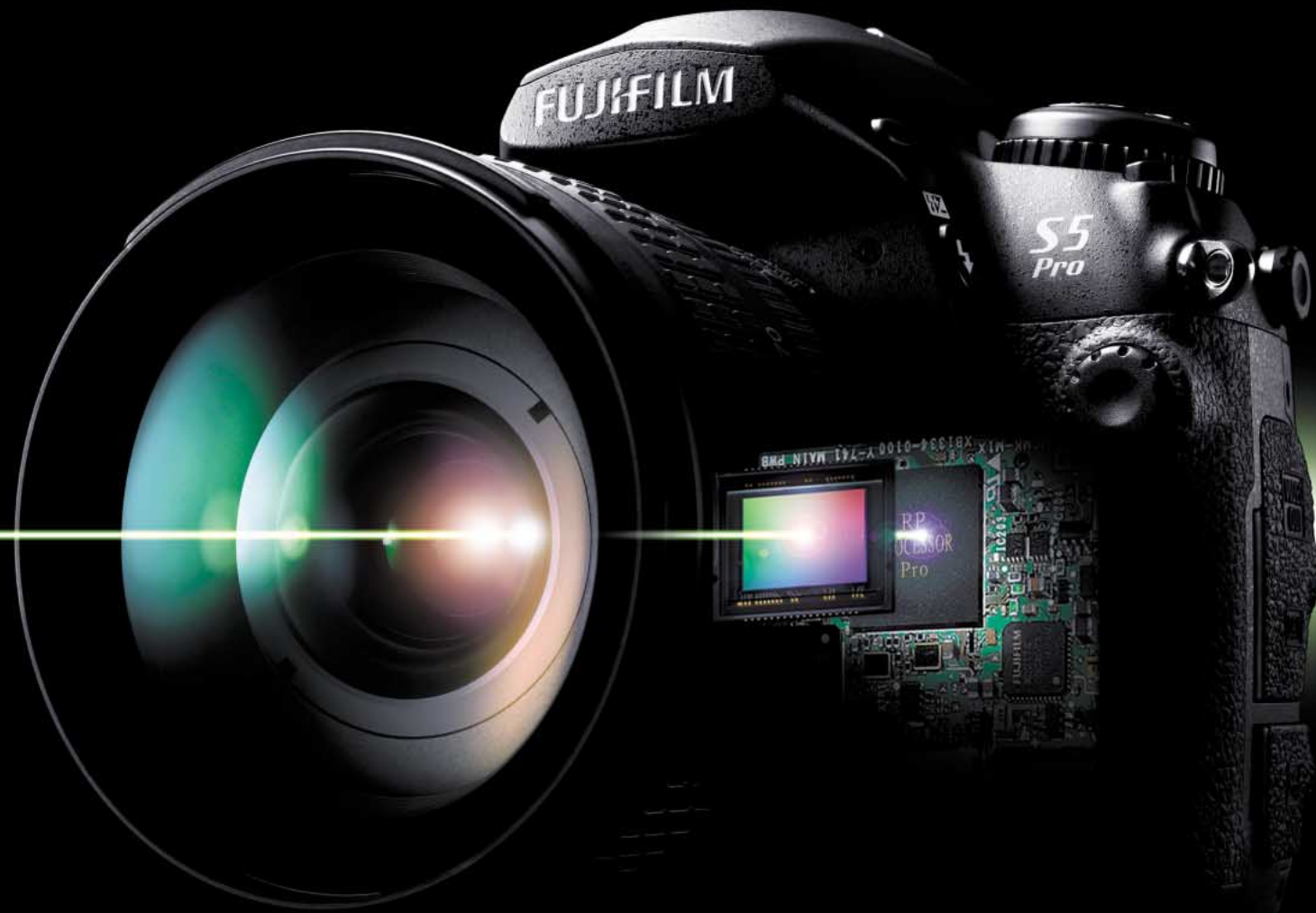
The solid body holds the spirit and legacy of our photo film technology.

The professional desires nothing less than the ultimate photograph.
Built for the severe conditions of professional photography,
the solid body of the FinePix S5 Pro holds the legacy of FUJIFILM film technology and know-how.
Newly developed "Real Photo Technology Pro" brings images to life with rich tonal expression,
defies convention with ultrahigh resolution and a high signal-to-noise ratio,
and impresses color reproduction. It empowers you with the unlimited potential to
translate a language of creative expression into outstanding photographs.
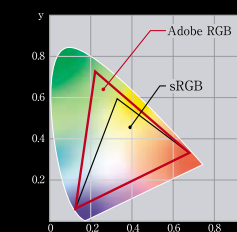FinePix S5 Pro, the Digital SLR that embodies FUJIFILM's passion for photography.

DIGITAL CAMERA
FinePix S5 Pro NEW

Freedom to customize the extended dynamic range

The extended dynamic range setting can be precisely and optimally set according to subject and scene conditions. In addition to Auto for automatic range selection, there is a Manual mode offering a selection of 6 steps: 100% (STD), 130%, 170%, 230% (W1), 300% and 400% (W2). Select 400% (W2) and get maximum performance of both "S" and "R" pixels for an exposure level equivalent to +2EV and capability to capture outstanding photos in high-contrast scenes such as outdoors under clear skies.

255
Digital Value
100% (STD)
400% (W2)
+2EV
0
Exposure Value
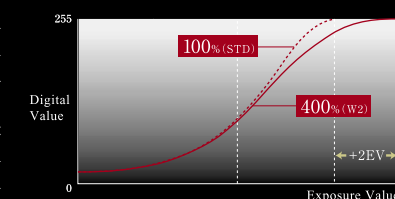
■ Extended dynamic range image formation

Adobe RGB Color Space Support

FinePix S5 Pro fully supports Adobe RGB color space, the choice and standard of graphics professionals and the printing industry. The superior color gamut of Adobe RGB color space fills the photographic expression needs of today's professional.

y
0.8
0.6
0.4
0.2
Adobe RGB
sRGB
0 0.2 0.4 0.6 0.8 x

■ Adobe RGB Color Gamut (chromaticity diagram)

"Face Detection Technology" based on FUJIFILM "Image Intelligence™"

"Image Intelligence™" – the distillation of the vast image processing technology and know-how of FUJIFILM into a database for application in diverse domains from printing industry to the medical field. In the case of the FinePix S5 Pro, high-accuracy face analysis and detection technology has been integrated in a custom IC chip that can analyze a captured image in an instant and simultaneously detect up to 10 faces. It is a powerful new solution to meet the high quality demands of portrait photography.
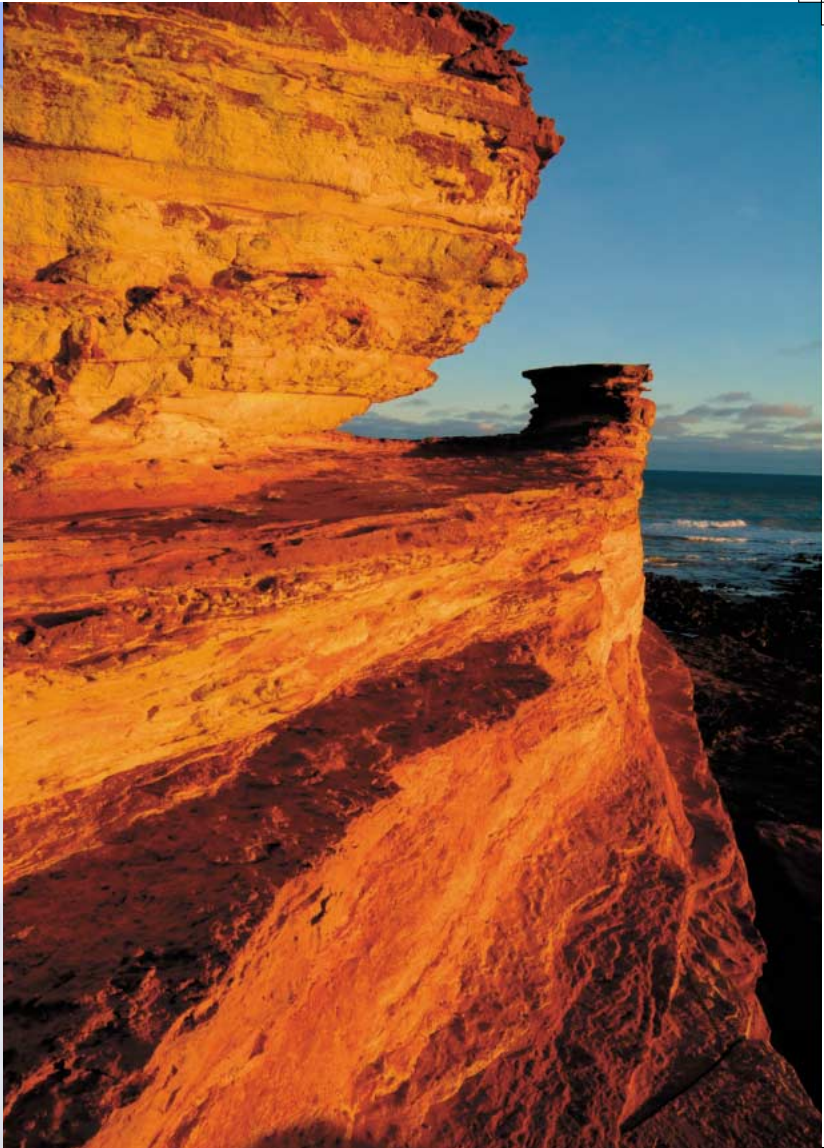
Image Intelligence™

F1b CCD-RAW ISO▲▲ Manual ▲/▲sec. F▲

F2 CCD-RAW ISO▲▲ Manual ▲/▲sec. F▲

FILM SIMULATION MODE —
selection of the ideal "film" for the scene

Film Simulation responds to the sophisticated color reproduction and tonality demands of the professional with a choice of five modes: "Professional portrait" (F1, F1a, F1b and F1c) Modes for expanded potential in portrait photography and "Fujichrome" (F2) Mode which replicates the color vibrancy of reversal film.

"PROFESSIONAL PORTRAIT" MODES

F1   Studio Portrait Standard
Suppresses highlight washout with studio flash and produces smooth tonality and natural skin color. Replicates the "feel" of negative film used in conventional studio photography.

F1a   Warm natural skin tones — Pro-grade negative profile
Slightly higher saturation of skin tones and blue. Exploits the extended dynamic range for fine tonality even under studio lighting. Superb expression of the natural tone and skin color.

F1b   Vivid blue skies and silky skin tones
Characterized by saturated blues and reproduction of the transparent quality of skin tones. Produces smooth tonality and superb shadow detail under high contrast conditions. Ideal for impressive outdoor portrait results.

F1c   Highly modulated impression — Pro-grade negative profile
Heightens contrast while expressing just the right shadow detail even under soft light sources. Natural skin tones in flat studio lighting or under cloudy skies.

"FUJICHROME" MODE

F2   Color Reversal Film Profile for vivid color
Captures images with high sharpness, highly saturated colors and dynamic tonality. Brings colorful landscapes to life with vibrantly rich color.
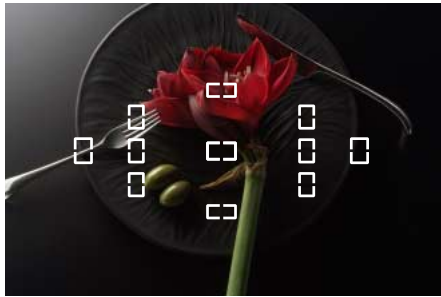
F1c CCD-RAW ISO▲▲ Manual ▲/▲sec. F▲

CCD-RAW ISO▲▲ Manual ▲/▲sec. F▲

Film Simulation Mode

Shooting Functions

11-point AF system for high-speed, high-precision focusing

◎ Above image is a simulated representation.

All eleven focus areas support up to F5.6, and the range finding is effective down to -1EV of brightness. Everything from focus accuracy to subject compensation/tracking and response have been enhanced by a new cutting-edge algorithm.

[4 Focus Modes to Match Scene Requirements]

• Single-area AF

Select a single area out of the 7-point or 11-point focus areas to restrict focusing to only the selected area.

• Dynamic-area AF

Even if the subject momentarily moves out of one focus area, other focus areas track and keep it in sharp focus.

• Dynamic-area AF with Closest Subject Priority

Using the 11-point focus areas to detect the closest subject, it selects the corresponding focus area and provides optimum focus.

• Group Dynamic-AF

Select and activate a cross-pattern group of 5 focus areas: the center area selected by the user, and the areas above, below, to the left and right.

Solid Body

Rugged magnesium-alloy body for extreme shooting conditions

The tough and lightweight magnesium alloy shell of the FinePix S5 Pro frees you to focus on getting the photo and not worrying about your equipment under severe shooting conditions. Every seam and joint has been carefully sealed to prevent invasion of moisture and dust.

AF Lock-On Function with predictive focus tracking

Even if the subject momentarily shifts out of the focus area or another object comes between the subject and the camera, the camera continues to track and adjust focus to the subject without lens hunting.

3D Color Matrix Metering II for Precision Evaluation of Lighting Under Diverse Conditions

◎ Above image is a simulated representation.

With its powerful 1,005 pixel-RGB sensor, 3D Color Matrix Metering II not only uses conventional exposure algorithms but also detects highlight area size and calculates their optimum exposure value with an exposure assessment algorithm. When shooting in cloudy conditions or a subject that is white overall, it can correct for potential underexposure, or in the case of photographing a subject against a dark background, it can reduce washout.

[4 Focus Modes to Match Scene Requirements]

• Center-Weighted Metering

Metering is calculated with 75% weighting on the central viewfinder area. You can select the metered area diameter from 6mm, 8mm, 10mm, 13mm, and Average in the custom menu.

• Spot Metering

Working together with the 11-point AF system, Spot Metering evaluates the optimum exposure of a spot with a diameter of about 3mm (approx. 2% of the entire screen) in the selected focus area.

Shutter release durability - tested to exceed approx.100,000 cycles

Shutter release boasts not only high precision but also superb durability. A shock-absorbing mirror balancer minimizes mirror bounce after shutter release, bringing it instantly to a standstill while vibration suppression has enhanced silent operation. Also improved mirror motion speed significantly reduces image blackout.

Satisfy scene conditions and your artistic vision with a choice of 4 exposure control modes

Select from 4 exposure modes: [P] Program, [S] Shutter Priority Auto, [A] Aperture Priority Auto and [M] Manual.

From IS0100 to ISO3200, select the optimum sensitivity for any scene

Selectable in 1/3 EV steps, FinePix S5 Pro offers a sensitivity range of IS0100 to IS03200. When the brightness of the subject exceeds the exposure control range in the [P], [S] or [A] modes, or an appropriate level of exposure cannot be achieved for the Manual [M] mode shutter speed and aperture, it automatically adjusts sensitivity within the range of ISO100 to 3200 for optimum exposure.

White Balance Mode with 9 presets

Choose "Auto" for automatic assessment of light sources or select one of the white balance presets: Incandescent Light, Fluorescent Lamp (1-5), Fine, Flash, Shade and Color Temperature. You can also create and save up to 5 Custom white balance settings, and fine tune each white balance setting.

1/8,000-second high-speed shutter and 1/250-second high-speed synchro

Shutter speed range of 30 seconds to 1/8,000 second and manual setting in 1, 1/2 or 1/3 EV steps put the professional in total control. Flash synchronization at speeds up to 1/250 second.

### Multi Exposure Function for a single image from a maximum of 10 exposures

A series of 2 to 10 exposures is recorded as a single image.

Face Zoom In

Face Zoom In function puts high-accuracy face detection to work

With a press of the Face Zoom In button on the rear panel, this function instantly and simultaneous detects up to 10 faces in an image and zooms in for an enlarged and sequential display of each for easy checking of facial details, and focus on the LCD monitor. This smart function fills a vital gap in the portrait photography workflow.


Complete Image
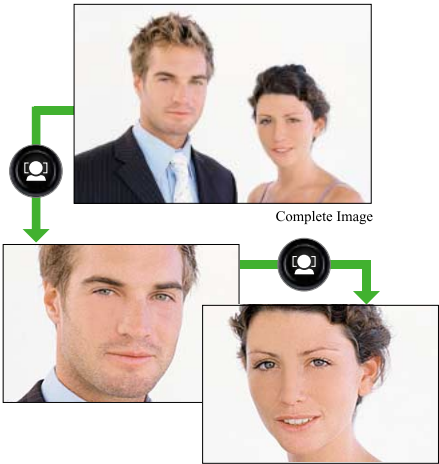
※Depending on the scene conditions, Face Detection performance may vary.
◎Sample photo is a simulated image

Other Functions

High-performance Viewfinder boasts magnification of 0.94× and approximately 95% coverage

The high-magnification viewfinder supports comfortable viewing and composition. Photographic data and settings status are clearly displayed in digital readout of the viewfinder. The Vari-Brite Focus Area display aids smooth confirmation of the selected focus area, while a Multi-Display Screen provides a convenient grid display.
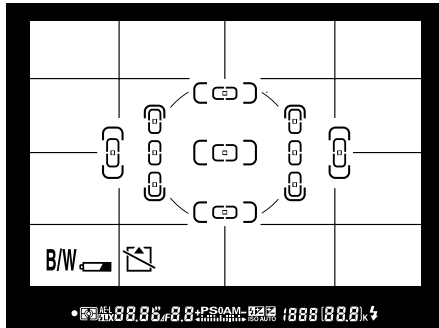
Spacious 2.5-inch LCD with 100% coverage

With approx.230,000 pixels of resolution, the 2.5-inch low-temperature polysilicon TFT LCD provides comfortable viewing of not only image data but also the large characters and optimized color scheme of the menu screens. Multi-image playback of 9 thumbnails is just one example of its functional versatility.

### "Live View" Function for more precise focusing and view angle setting

With the mirror in the up position, the image captured through the lens can be directly confirmed on the LCD monitor. According to the scene and the subject, you can select color or B/W display.

◎ Image display time is restricted to a maximum of 30 seconds.

Multi-Data Display Function for a precise grasp of captured image data

In addition to a standard histogram display, you can check color and brightness for each RGB channel with the RGB histogram or receive "washout" warnings. You can also confirm the "active" AF focus area and other shooting details for each captured image.
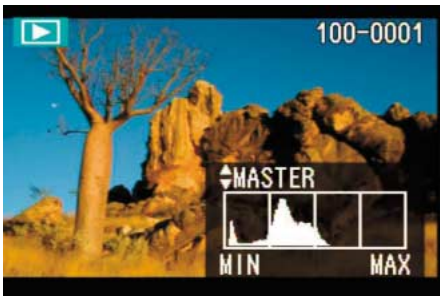
Histogram display

Data display

AF display

Nikon F mount compatibility including D/G types and AF Nikkor lenses

FinePix S5 Pro is compatible with all D/G-type AF Nikkor lenses with built-in CPU including the AF-S series, and is also ready for manual focus Ai Nikkor lenses and the AF-VR lenses with camera shake correction.

※Certain lens models may not be compatible or may have restrictions on their functionality.

Built-in Pop-up Flash with i-TTL flash control

The built-in pop-up flash features high-precision flash output using i-TTL flash control. Ready for advanced wireless lighting, the built-in Commander function serves as the master for remote wireless control of up to 2 "slaved" groups. With a guide number of approximately 12 (ISO100 •m, 20°C), it provides view angle coverage for an 18mm lens. Convenient functions such as repeating flash for multiple-exposure photography and modeling flash for assessing overall lighting prior to shooting are also available.

i-TTL Flash with monitor pre-flash for precision control of flash output

When working with i-TTL-compatible outboard flash equipment, the i-TTL flash system with monitor pre-flash metering technology can determine the appropriate flash output by emitting a flash immediately prior to the shot and metering both ambient light and the reflected light from the primary subject with the 1,005-pixel RGB sensor. Compared with conventional D-TTL, i-TTL enhances the frequency and output of monitor flash for more precise lighting. Moreover with the attachment of a G- or D-type AF Nikkor lens and the acquisition of subject ranging data from the lens, it can determine the ideal flash volume.

RAW+JPEG Mode

Simultaneously record both RAW and JPEG files of the same image for immediate viewing and distribution. JPEG data can be saved in either L (4256×2848pixels), M (3024×2016pixels) and S (2304×1536pixels) sizes.

DPI Setting for print-ready resolution setting

Select from 36 to 3,000 DPI, and effectively apply the selected resolution data with compatible application software.

"Function Lock" with password protection prevents costly mishaps

Lock the command dial and button functions with password protection to pre-empt workplace errors.

### Bar-code Management Function for easy management and "commenting" of image files

Connect an RS-232C compatible bar-code reader* and append various photographic remarks to image files for more efficient image file management and workflow.
*Special required cable sold separately.

Optional Accessories

High-capacity Lithium-Ion Battery tells you the remaining capacity and battery health

Fully charged, the newly developed large-capacity Lithium-Ion battery has sufficient power to capture approximately 400 images*. Various status data stored in the battery's built-in IC chip such as remaining capacity (%), number of shots since the last charge and even performance degradation can be displayed on the LCD monitor.

*Tested in compliance with CIPA standard
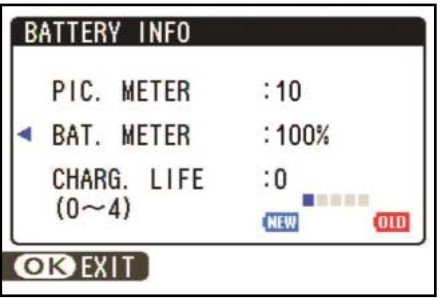
New Hyper‑Utility Software "HS‑V3"

Easily replicate even the high color saturation of reversal film

HS‑V3 Hyper‑Utility Software uses 3D‑LUT image processing technology to convert CCD‑RAW 14bit data into image data files with high precision. FUJIFILM technology lets you replicate color quality that approaches that of film. Use "Velvia" Mode to reproduce blue skies with amazing clarity and enhance photos with luxuriously saturated color. Choose the "Studio Portrait EX" Mode for tonal touch and broad color reproduction rivaling professional negative film.

RAW FILE CONVERTER

Hyper‑Utility 3
2‑Screen Comparison
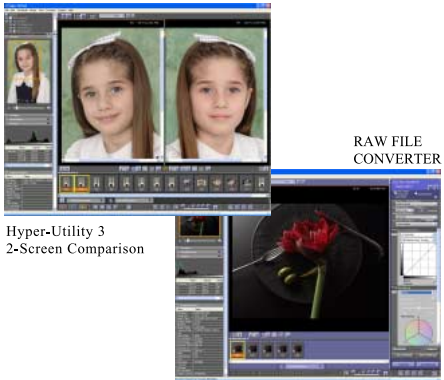
Masking Function

Display the image with the masking size selected on the camera. Confirm cropping to precisely meet the various print sizes.

PC "Live View" function for accurate confirmation of focus and view angle on the computer display

With the mirror in the up position, PC "Live View" lets you use the HS‑V3 window to directly view the image seen through the lens of the camera. It is ideal for focus and view angle settings for high‑angle shots that are difficult to check in the viewfinder.

PC Control Mode for remote shutter release from the computer

With FinePix S5 Pro tethered to your computer, you can release the shutter with a mouse click. Right after the shot, the image can be displayed and checked for focus, color quality and other details.

Face Zoom In function for accurate detection of faces

In the PC control mode immediately after shooting or when reviewing the image data stored in the personal computer, Face Zoom In detects the faces and zooms in for smooth and detailed assessment of facial detail and focus.

System Requirements

	Windows®	Macintosh
CPU	PC/AT compatible model equipped with an Intel Pentium 4‑class processor or higher.	Macintosh models equipped with a PowerPC G4 (excluding PCI Graphic models), PowerPC G5 or an Intel processor.
Connection Terminal (Only in the case of using the "shooting" control application)	FinePix S5 Pro	Built‑in USB Port (USB 2.0 is recommended)	
	FinePix S3 Pro/ S2 Pro/ S20 Pro	IEEE1394 (OHCI standard) PCI Board‑equipped model or IEEE1394 (OHCI standard) CardBus Card equipped model	FinePix S3 Pro/ S2 Pro/ S20 Pro	FireWire 400 port is standard.
OS	Windows®2000 Professional SP4 Windows®XP Professional SP2 Windows®XP Home SP2	MacOS X（10.3.9〜10.4.8）
Memory	Minimum of 512MB (1GB or higher is recommended.)	
Hard Disk Free Space for Installation	Minimum of 1GB of free space on the OS system hard disk drive is required for installation.	
Monitor	1024×768〜3840×2400 dot, High color (16bit or higher), (1600×1200 dot/32bi or higher is recommended)	1024×768〜3840×400 dot, approx. 32,000 colors or higher (1600×1200dot/Full Color or higher is recommended)
Drive for Installation	Optical drive with CD‑ROM reading capability.	

Hyper-Utility Software

■ Functions

■ Function Compatibility Chart

Lens	Mode	Focus Mode			Exposure Mode		Metering Mode		
		Auto Focus	Manual with electronic rangefinder	Manual	P,S	A,M	Matrix Metering 3D‑RGB	RGB	Center‑Weighted Spot
CPU‑equipped Nikkor[*2]	G‑type[*1], D‑type[*3], AF‑I, AF‑S	○	○	○	○	○	○	—	○[*1]
	Micro, 85mm F2.8D[*4]	—	○[*5]	○	—	○[*6]	○	—	○[*1]
	AF‑S/AF‑I Teleconverter[*7]	○[*8]	○[*8]	○	○	○	○	—	○[*1]
	Non‑D/G type AF excluding AF for F3AF	○[*9]	○[*9]	○	○	○	—	○	○[*1]
	AI‑P Nikkor	—	○[*10]	○	○	○	—	○	○[*1]
Non‑CPU Equipped Nikkor & Non‑Nikkor[*11]	AI‑S, AI, Series E[*12], AI‑modified Nikkor	—	○[*10]	○	—	○[*13]	—	○[*14]	○[*15]
	Medical‑Nikkor 120mm F4	—	○	○	—	○[*16]	—	—	—
	Reflex‑Nikkor	—	—	○	—	○[*13]	—	—	○[*15]
	PC‑Nikkor	—	○[*5]	○	—	○[*17]	—	—	○
	AI‑S or AI Teleconverters[*18]	—	○[*8]	○	—	○[*13]	—	○[*14]	○[*15]
	AF Teleconverter TC‑16AS	—	○[*8]	○	—	○[*13]	—	○[*14]	○[*15]
	Bellows Focusing Attachment PB‑6[*19]	—	○[*8]	○	—	○[*20]	—	—	○
	Auto Extension Rings (PK‑11A, 12, 13 and PN‑11)	—	○[*8]	○	—	○[*13]	—	—	○

[*1]:Spot metering area can be shifted with the focus area selector. [*2]:IX‑Nikkor lenses cannot be attached. [*3]:This camera is compatible with the Vibration Reduction function of the VR Nikkor lens. [*4]:The camera's exposure metering and flash control system do not work properly when shifting and/or tilting the lens, or when using an aperture other than the maximum aperture. [*5]:Only available without shifting and/or tilting the lens. [*6]:Possible use with exposure mode set to Manual (M). [*7]:Compatible with AF‑S and AF‑I Nikkor (excluding AF‑S DX ED12‑24mm F4G, AF‑SED17‑35mm F2.8D, AF‑S DX ED17‑55mm F2.8G, AF‑S DX ED18‑55mm F3.5‑5.6G, AF‑S DX ED18‑70mm F3.5‑4.5G, AF‑S DX VR ED18‑200mm F3.5‑5.6G, AF‑S DX ED55‑200mm F4‑5.6G, AF‑S ED24‑85mm F3.5‑4.5G, AF‑S VR ED24‑120mm F3.5‑5.6, AF‑S ED28‑70mm F2.8D) [*8]:Possible use with a maximum effective aperture of f/5.6 or faster. [*9]: AF80‑200mm F2.8S, AF35‑70mm F2.8S, AF28‑85mm F3.5‑4.5S (New), AF28‑85mm F3.5‑ 4.5S lenses can be used, but in the case of photography at close range using the zoom telephoto, the matte image of the viewfinder screen and the focus display may not conform. In this instance, please use the matte surface of the viewfinder screen and Manual focus, and adjust focus to take photograph. [*10]:Possible use with a maximum aperture of f/5.6 or faster. [*11]:Certain lens model cannot be attached. [*12]:In the case of the Ai ED80‑200mm F2.8S, if the tripod collar interferes with the camera when rotated, there may be restrictions on the direction of rotation. In the case of the Ai ED200‑400mm F4S, filter changes cannot be made while the lens is attached to the camera. [*13]:By setting the maximum aperture value of the lens with the lens data manual setting, aperture values will be displayed in the display panel and viewfinder. [*14]:By setting the focal length and maximum aperture value of the lens with the lens data manual setting, use is possible; however, even with the setting of focal length and maximum aperture value, sufficient operational precision may not be possible. In this case, please select center‑weighted or spot metering. [*15]:By setting the focal length and maximum aperture value of the lens with the lens data manual setting, metering accuracy can be enhanced. [*16]:With exposure mode set to Manual (M) and shutter speed set to 1/125 sec. or higher, use is possible. By setting the maximum aperture value of the lens with the lens data manual setting, aperture values will be displayed in the display panel and viewfinder. [*17]:Stop‑down aperture metering is used. In the case of the Aperture Priority Auto (A) exposure mode, the aperture preset of the lens is used, and shifting and/or tilting of the lens is conducted after engaging AE Lock. In the case of Manual (M) exposure mode, the aperture preset of the lens is used, and prior to shifting and/or tilting of the lens, metering and exposure is determined. [*18]:Exposure compensation is necessary when used in combination with Ai 28‑85mm F3.5‑4.5S, Ai 35‑105mm F3.5‑4.5S, Ai 35‑135mm F3.5‑4.5S, and AF‑S 80‑200mm F2.8D lenses. For more details, please refer to the teleconverter user\'s manual. [*19]:Mounting is possible when used with an auto extension ring (PK‑12 or P‑13). [*20]:With stop‑down aperture metering, use is possible. In the case of the Aperture Priority Auto (A) exposure mode, stop‑down aperture metering of the Bellows is performed, and shooting is undertaken after metering. •Reprocopy Outfit PF‑4 can be attached in combination with Nikon Camera Holder PA‑4.

■ Lenses Compatible With The Built‑In Flash

● 18mm to 300mm CPU lenses can be used with the built‑in flash.
● To prevent vignetting, remove the lens hood when using the flash.
● Built‑in flash cannot be used at a shooting distance of less 0.6m.
● Zoom lenses with a macro feature cannot be used in the macro range.
● For the following lenses, there are restrictions on usable focal length and shooting distance a due to occurrence of vignetting leading to underexposure of the edges of the frame.

AF Lenses with limitations	Limitations
AF‑S DX ED 12‑24mm F4G	18mm focal length at 1.5m or longer shooting distance 20mm focal length at 1.0m or longer shooting distance.
AF‑S ED 17‑35mm F2.8D	24mm focal length at 1.0m or longer shooting distance.
AF‑S DX ED 17‑55mm F2.8G（IF）	24mm focal length at 1.0m shooting distance.
AF ED 18‑35mm F3.5‑4.5D	18mm focal length at 1.5m or longer shooting distance.
AF‑S DX VR ED 18‑200mm F3.5‑5.6G	18mm focal length at 1.0m or longer shooting distance
AF20‑35mm F2.8D	20mm focal length at 1.0m or longer shooting distance.
AF‑S ED 28‑70mm F2.8D	28mm focal length at 1.5m or longer shooting distance. 35mm focal length at 1.0m or longer shooting distance.
AF Zoom Micro Nikkor ED 70 ‑180mm	70mm focal length at 1.0m or longer shooting distance.

● Non‑CPU Nikkor lenses (Ai‑S, Ai, and Ai‑modified) with a focal length of 18mm to 300mm can be used with the built‑in flash; however, there are restrictions on the use of the following lenses.

AF Lenses with limitations	Limitations
Ai 50‑300mm F4.5, Ai‑modified 50‑300mm F4.5, Ai‑S ED 50‑300mm F4.5	Focal length of 135mm and above
Ai ED 50‑300mm F4.5	Focal length of 105mm and above

■ Lenses Susceptible To Vignetting

● In the case of the following lenses, vignetting occurs, and auto focus photography using the AF‑assist Illuminator at a shooting distance of 0.7m or less is not possible: AF Micro ED 200mm F4D, AF‑S VR ED 24‑120mm F3.5‑5.6G, AF‑S ED 28‑70mm F2.8D, AF Micro ED 70‑180mm F4.5‑5.6D.
● In the case of the following lens, vignetting occurs, and auto focus photography using the AF‑assist Illuminator at a shooting distance of 1.0m or less is not possible: AF‑S DX ED 55‑200mm F4‑5.6G.
● In the case of the following lenses, vignetting occurs, and auto focus photography using the AF‑assist Illuminator at a shooting distance of 1.5m or less is not possible: AF‑S VR ED 70‑200mm F2.8G, AF‑S ED 80‑200mm F2.8D, AF ED 80‑200mm F2.8D.
● In the case of the following lens, vignetting occurs, and auto focus photography using the AF‑assist Illuminator at a shooting distance of 2.5m or less is not possible: AF VR ED 80‑400mm F4.5‑5.6D.

S P E C I F I C A T I O N S

Model	FinePix S5 Pro
Type of camera	Interchangeable-lens SLR-type digital camera
Number of effective pixels	12.34 million (S-pixel: 6.17million, R- pixel: 6.17million) pixels
CCD sensor	23.0mm×15.5mm Super CCD SR Pro
Number of recorded pixels	L: 4,256×2,848 / M:3,024×2,016 / S:2,304×1,536 pixels
Storage media	Compact Flash™ (CF) Card (Type I/II) and Microdrive™*1
File format・ Image quality mode	Exif-JPEG (Exif2.21*2 compatible)・FINE / NORMAL [Design rule for Camera File System 2.0 compliant / DPOF-compatible] / CCD-RAW(14bit) / CCD-RAW + Exif-JPEG
Lens mount	Nikon F mount (with AF coupling, AF contacts)
Lens servo	Single Servo AF(S) / Continuous Servo AF(C) / Manual focus(M)
Picture angle	Approx. 1.5x focal length in 35mm format equivalent
Auto focus	TTL phase detection. AF assist illuminator
Focus areas	Normal: 11 areas; single area or group can be selected; Wide: focus area can be selected from 7 areas
AF Area mode	1) Single Area AF 2) Dynamic AF 3) Group Dynamic AF 4) Dynamic AF with closest subject priority
Shutter speed	30 sec. to 1/8000 sec., Bulb.*3
Continuous shooting	C$_H$: Up to max. 3 frames/sec. ([D-RANGE] set to [100%(STD)]) / Up to 1.6 frames/sec. ([D-RANGE] set to WIDE (other than [100%(STD)])) C$_L$: Up to max. 2 frames/sec. ([D-RANGE] set to [100%(STD)]) / Up to 1.6 frames/sec. ([D-RANGE] set to WIDE (other than [100%(STD)])), and 1 frames/sec.
Sensitivity	Auto, ISO 100 / 125 / 160 / 200 / 250 / 320 / 400 / 500 / 640 / 800 / 1000 / 1250 / 1600 / 2000 / 2500 / 3200 (Standard Output Sensitivity)
Exposure metering system	Three-mode through-the-lens (TTL) exposure metering. 3D Color Matrix Metering II (metering performed by 1,005-segment RGB sensor) / Center-weighted / Spot
Exposure compensation	-5.0EV to +5.0EV Step can be selected from 1/3, 1/2, 1EV step.
Exposure modes	Programmed Auto with flexible program [P], Shutter-Priority Auto [S], Aperture-Priority Auto [A], and Manual [M]
White balance	Automatic / Incandescent light / Fluorescent lamp (1-5) / Fine / Flash / Shade / Color temperature / Preset Custom (1-5) Fine tuning can be set.
Film Simulation	(STANDARD) / F1 / F1a / F1b / F1c / F2
Color Space	sRGB / Adobe RGB (1998)
Dynamic Range	AUTO / 100%(STD) / 130% / 170% / 230% (W1) / 300% / 400% (W2)
Viewfinder	Fixed-eyelevel pentaprism, built-in diopter adjustment, Frame coverage: Approx. 95%, Magnification: Approx. ×0.94
LCD back monitor	2.5-inch approx. 230,000 pixels low temperature polysilicon TFT color LCD (approx. 100% frame coverage for playback)
Built-in flash	Manual pop-up with button release. Guide No. 12 (ISO 100・m), i-TTL balanced fill-flash or standard i-TTL flash Flash synchronization up to 1/250 sec.
Accessory shoe	Standard ISO type with hot-shoe contact (Safety lock provided)
Flash control	1) TTL: TTL flash control by 1,005-pixel RGB sensor Built-in flash: i-TTL balanced fill-flash or standard i-TTL flash (spot metering or mode dial set to [M]) SB-800, 600 or SB-R200: i-TTL balanced fill-flash for digital SLR and standard i-TTL flash for digital SLR 2) Auto aperture: Available with SB-800 with CPU lens 3) Non-TTL Auto: Available with flash such as SB-800, SB-80DX, SB-28DX, SB-28, SB-27, and SB-22s 4) Range-priority manual: available with SB-800
Remote release	Electronic shutter release
Video output	NTSC / PAL selectable*4
Digital interface	USB 2.0 (High-Speed)
Sync contact	X-contact only: flash synchronization up to 1/250 sec.
Power source	Rechargeable Li-ion battery (included) or AC Power Adapter AC-135VN (Optional)
Dimensions	147mm(W)×113mm(H)×74mm(D) / 5.8in. (W)×4.4in. (H)×2.9in. (D) (not including accessories and attachments)
Camera mass (weight)	Approx. 830 g / 29.3 oz. (not including accessories, battery and memory card)
Photography functions	Color space selection, dynamic range selection, film simulation mode selection, framing guideline, frame no. memory, multiple exposure shooting, live image
Playback functions	Trimming, slide show, multi-frame playback, histogram display, brightness warning display
Other functions	PictBridge compatibility, Exif Print compatibility, PRINT Image Matching II compatibility, language selection, time difference
Operating Conditions	Temperature: 0°C to +40°C (+32°F to +104°F) 80% humidity or less (no condensation)

Buffer capacity and maximum shooting cycle

Exposure mode M, ISO200, focus mode M, SanDisk SDCFX (Extreme III) series card, and other settings are factory default.

[D-RANGE] set to [100% (STD)]

Image quality	RAW+FINE			RAW+NORMAL			RAW	FINE			NORMAL		
Image size	L	M	S	L	M	S	–	L	M	S	L	M	S
File size	18.1	16.3	15.1	15.7	14.8	14.2	12.8	5.3	3.5	2.2	2.9	2.0	1.4
Number of images	55	61	66	63	67	70	78	189	285	442	345	495	718
Buffer capacity	20	21	21	21	21	21	24	29	39	51	30	71	80
maximum shooting cycle	Up to max. 3 frames/sec.												

[D-RANGE] set to WIDE (other than [100% (STD)])

Image quality	RAW+FINE			RAW+NORMAL			RAW	FINE			NORMAL		
Image size	L	M	S	L	M	S	–	L	M	S	L	M	S
File size	30.3	28.6	27.3	28.0	27.1	26.5	25.1	5.3	3.5	2.2	2.9	2.0	1.4
Number of images	32	34	36	35	36	37	39	189	285	442	345	495	718
Buffer capacity	8	8	8	8	8	8	10	19	73	100	19	90	100
maximum shooting cycle	Up to max. 1.6 frames/sec.												

Guide to the number of available frames for battery operation

Battery	Number of frames*5
NP-150（1500mAh）	Approx. 400 frames

OPTIONAL ACCESSORIES

NEW

Rechargeable Battery NP-150

NEW

Battery Charger BC-150

NEW

AC Power Adapter AC-135VN

NEW

Hyper-Utility Software HS-V3 Hyper-Utility Software HS-V3UP (an upglade package for HS-V2 and HS-S2)

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

ACCESSORIES INCLUDED

●Rechargeable battery NP-150   ●Battery charger BC-150   ●Shoulder strap   ●Camera body cap
●Eyepiece cap   ●LCD cover   ●USB cable(mini-B)   ●Video cable for FinePix S5 Pro
●Accessory shoe cover   ●Synchronizing terminal cap   ●Remote release socket cap
●CD-ROM [image browser with CCD-RAW converting function   ●Owner's manual

＊1：Compact Flash is a trademark of SanDisk Corporation and Microdrive is a trademark of Hitachi GST. All other trademarks and registered trademarks are the property of their respective holders.

＊2：Exif2.21 is a newly revised digital camera file format that contains a variety of shooting information for optimal printing.

Exif Print

＊3：Images shot with long exposures may appear coarse and may also be affected by noise such as white dots.

＊4：When connecting the Video cable (included) to TV, the camera's screen is turned off.

＊5："CIPA DC-002-2003 'Standard Procedure for Measuring Digital Still Camera Battery Consumption'" (extract); Using included rechargeable Li-ion battery NP-150, AF50mm F1.4D lens, Compact Flash™ (CF) Card. Pictures shall be taken at a temperature of 23°C(73.4F) every 30 seconds, the flash used at full power every second shot and the camera turned off and then on again once every 10 shots.

World standard PictBridge compatible

PictBridge
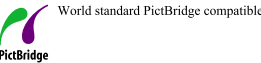
Specifications are subject to change without notice.
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For more information on the full range of Fujifilm digital products, please visit our Website: **http://www.fujifilm.com / products / digital**

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