

## SPECIFICATIONS

### ■ DIGITAL CAMERA FinePix REAL 3D W1

Number of effective pixels*1	Approx. 10.0 million pixels
CCD sensor	1/2.3-inch CCD x2
Storage media	Internal memory (approx. 42MB) / SD memory card /SDHC memory card*2
File format	3D Still image: MPO+JPEG, MPO (Multi Picture Format compatible) 2D Still image: JPEG (Exif Ver 2.2*) / (Design rule for Camera File system compliant / DPOF-compatible) 3D Movie : 3D-AVI (Stereo AVI format with 2 image channels) 2D Movie : AVI format (Motion JPEG with sound)
Number of recorded pixels	L <4:3> 3648x2736/ L <3:2> 3648x2432/M <4:3> 2592x1944/ S<4:3> 2048x1536
Lens	Fujinon 3 X optical zoom lens , F3.7(W) - F4.2(T)
Lens focal length	f=6.3mm - 18.9 mm, Equivalent to 35-105 mm on a 35mm camera
Zoom	3D : up to 3.8x (Combined optical and digital zoom ) 2D : up to 17.1x (Combined optical 3x zoom and digital zoom 5.7x zoom)
Aperture	F3.7/F5/F8 (W), F4.2/F5.6/F9 (T)
Focus distance (from lens surface)	Normal : Approx. 60 cm (2.0 ft.)-infinity Macro (2D only) : Wide Approx. 8 cm-80 cm/0.3 ft.-2.6 ft. Telephoto Approx. 60 cm-3 m/2.0 ft.-9.8 ft. Quick AF: Approx. 1 m (3.3 ft.)-infinity
Sensitivity	Auto / Equivalent to 100/200/400/800/1600 (Standard Output Sensitivity)
Exposure control	TTL 256-zones metering, MULTI SPOT, AVERAGE
Exposure mode	Programmed AE, Aperture Priority AE, Manual
Shooting modes	SP mode : Natural light, Natural light and with Flash, Portrait, Landscape, Sport, Night, Night (Tripod), Sunset, Snow, Beach, Underwater, Party, Anti-Blur ADV 3D : Interval 3D shooting, Individual shutter 3D shooting, ADV 2D : Tele/Wide simultaneous shooting , 2-Color simultaneous shooting, 2-Sensitivity simultaneous shooting
Shutter speed	Night : 1/8 sec -1/500 sec Night (Tripod): 3 sec-1/500 sec Manual : 1/2 sec -1/1,000 sec All Other modes including AUTO : 1/4 sec-1/1,000 sec
Continuous shooting	3D : Top-40 (max 2 frames/sec, "S" only) 2D : Top-40 (max 1 frames/sec) High speed Top-40 (max 3 frames/sec, "S" only)

Focus	Mode: Single AF AF mode : 3D: Center, 2D : Center, Multi (for Face Detection off only)
White balance	Automatic scene recognition, Preset : Fine, Shade, Fluorescent light (Daylight), Fluorescent light (Warm White), Fluorescent light (Cool White), Incandescent light, Underwater lighting
Self-timer	Approx. 10 sec./2 sec./delay
Flash	Auto flash Effective range: (ISO AUTO): Normal : Wide : Approx. 60 cm-3.7 m/2 ft.-12.1 ft. Telephoto: Approx. 60 cm-3.3 m/2 ft.-10.8 ft. Macro (2D only) : Wide : Approx. 30 cm-80 cm/1 ft.-2.6 ft. Telephoto : Approx. 60 cm-1.6 m/2 ft.-5.2 ft.  Flash mode : 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.
LCD monitor	2.8-inch, approx.230,000 dots color LCD monitor with Light Direction Control, approx. 100% coverage
Movie recording	640 x 480 pixels, 30 frames/sec. 320 x 240 pixels, 30 frames/sec. With stereo sound (* Zoom function cannot be used during movie recording.)
Photography functions	3D : Auto parallax control, Power management, Framing guideline, Frame number memory 2D : Face Detection (with Red-eye removal), Power management, Framing guideline, Frame number memory
Playback functions	3D : Parallax adjustment, Multiframe playback (with Micro Thumbnail), Cropping, Resize, Sorting by date, Slide show 2D : Face Detection (with Red-eye removal), Multiframe playback (with Micro Thumbnail), Sorting by date, Cropping, Resize, Slide show, Image rotate
Video output	NTSC / PAL selectable
Digital input/output	USB 2.0 High-speed
Power supply	NP-95 Li-ion battery / AC power adapter AC-5VC (NP-95: charges in about 4 hours)
Dimensions	123.6(w) x 68(H) x 25.6(D) mm/4.9(W) x 2.7(H) x 1.0(D) in.,(excluding accessories and attachments)
Weight	Approx.260 g/9.2 oz.(excluding accessories, batteries and memory card)



3D Digital Camera  
FinePix REAL 3D W1



3D Digital Viewer  
FinePix REAL 3D V1

### ■ DIGITAL VIEWER FinePix REAL 3D V1

LCD	Type	3D/2D switchable color display, 3D : Parallax barrier type
	Screen size	8.0-inch
	Resolution	800x600 dots (3D : 400x600x2 channel)
	Display aspect ratio	4:3
	Brightness	Approx. 250cd/m <sup>2</sup>
Internal memory		512MB
Compatible image file format		JPEG, MP Format, AVI, 3D-AVI
Digital	USB connector	[Device] mini-USB (Type B)
input/output	Media slots	xD-picture card/SD memory card/SDHC memory card
	IR communication	Available
Power supply		AC power adapter (included, AC100-240V 50/60Hz)
Power consumption		Approx. 15W (for 3D) / Approx. 9W (for 2D)
Dimensions		Approx. 216(W) x 162(H) x 30.9 (D)mm / 8.5 (W) x 6.4(H) x 1.2(D) in.
Weight		Approx. 630g/22.2 oz (including stand)

### Internal Memory / Memory Card Capacity

The figures for the number of available frames assume that MPO+JPG is selected.  
Multiply these numbers by about 1.5 for MPO - only files, and by about 3 for JPG (2D) images.

Modes	L<4:3>		L<3:2>		M<4:3>		S<4:3>		3D movie		2D movie	
	FINE	NORMAL	FINE	NORMAL	FINE	NORMAL	FINE	NORMAL	640	320	640	320
Size (pixels)	3648x2736		3648x2432		2592x1944		2048x1536		640x480	320x240	640x480	320x240
File Size	MPO+JPEG	14.7 MB	7.4 MB	13.1 MB	6.6 MB	7.5 MB	3.8 MB	4.7 MB	2.4 MB			
	MPO	9.8 MB	4.9 MB	8.7 MB	4.4 MB	5.0 MB	2.5 MB	3.1 MB	1.6 MB			
	JPEG	4.9 MB	2.5 MB	4.4 MB	2.2 MB	2.5 MB	1.3 MB	1.6 M	0.8 MB			
Internal Memory (42MB)	2	5	3	6	5	11	8	17	—	36sec.	—	1min,10sec
	512MB	30	65	35	70	65	120	100	200	3min.	7min.	7min.
	1GB	65	130	75	140	130	260	200	410	7min.	14min.	14min.
	2GB	130	260	150	290	260	520	410	810	14min.	28min.	28min.
	4GB	260	530	300	590	530	1040	830	1630	28min.*	56min.*	56min.*
	8GB	530	1070	600	1200	1060	2090	1680	3270	57min.*	113min.*	113min.*
SD card	16GB	1070	2120	1200	2380	2110	4150	3330	6500	114min.*	224min.*	224min.*
	32GB											

\*Total length of all movie files. Individual movies can not exceed 2GB, regardless of capacity of 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 digital camera file format that contains a variety of shooting information for optimal printing.

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### Accessories included (FinePix REAL 3D W1)

- Li-ion battery NP-95
- AC power adapter AC-5VC
- USB cable
- Hand strap
- CD-ROM : FinePixViewer
- Owner's Manual

### Optional accessories

- Li-ion battery NP-95
- Battery charger BC-65S
- A/V cable AV-C1

### Accessories included (FinePix REAL 3D V1)

- AC power adapter
- USB cable
- USB cable
- Remote controller
- Lithium battery (CR-2025)
- CD-ROM : FinePixViewer
- Owner's Manual

### Caution

If you experience fatigue or discomfort while viewing 3D images, cease use immediately. A ten-minute break is recommended about once every half hour. Switch to 2D immediately if 3D images still appear double after you have adjusted parallax. Individuals with a history of photosensitive epilepsy or heart disease or who are unwell or suffering from fatigue, insomnia, or the affects of alcohol should refrain from viewing 3D images, 2D display is also recommended for young children (up to the age of about six) whose visual system is still maturing and for individuals with notable differences in vision between their two eyes, who may find it difficult or impossible to observe the 3D effect. Viewing 3D images while in motion may cause fatigue or discomfort.

Specifications are subject to change without notice.

For more information, please visit our Website:

<http://fujifilm.com/3d/>



# FINEPIX REAL 3D

## FinePix REAL 3D System Welcome to the future of imaging.

The future is now! FUJIFILM REAL 3D technology pioneers a new dimension in imaging.

From the advanced 3D digital camera to the stunning 3D digital viewer and breakthrough 3D printing technology, this total 3D imaging system will change the way you take and enjoy photos.

Viewed with just the naked eye, 3D images come alive with breathtaking reality and natural beauty.

Images that once were only a dream are now a reality!



## FUJIFILM's 3D digital camera brings a new dimension to imaging.

Take it, save it, and play it back all in 3D and all with a single camera!

The FinePix REAL 3D W1 comes in a compact body and is equipped with 2 lenses and 2 CCDs.

Using high-precision lens control system, two images are captured with right and left lenses at the same instant.

Advanced image processing merges them to create a 3D image on the spot in the blink of an eye.

Our breakthrough technology also makes it possible to view your captured 3D images with just the naked eye on the innovative LCD monitor.

The FinePix REAL 3D W1 puts the key to the world of 3D imaging in the palm of your hand.



3D Digital Camera  
FINEPIX REAL 3D W1



3D Digital Viewer  
FINEPIX REAL 3D V1

The 3D digital viewer displays exceptional image quality with intuitive ease.

Innovative technology in the 3D digital viewer lets you view 3D images without the aid of special glasses – just your eyes!

Enjoyment of the cutting edge of imaging is easy thanks to features like the intuitive touch bar & touch key, simple remote control, and wireless infrared connectivity for smooth data transfer.

Not only 3D images but also 2D photos can be shown in vivid detail on the FinePix REAL 3D V1.



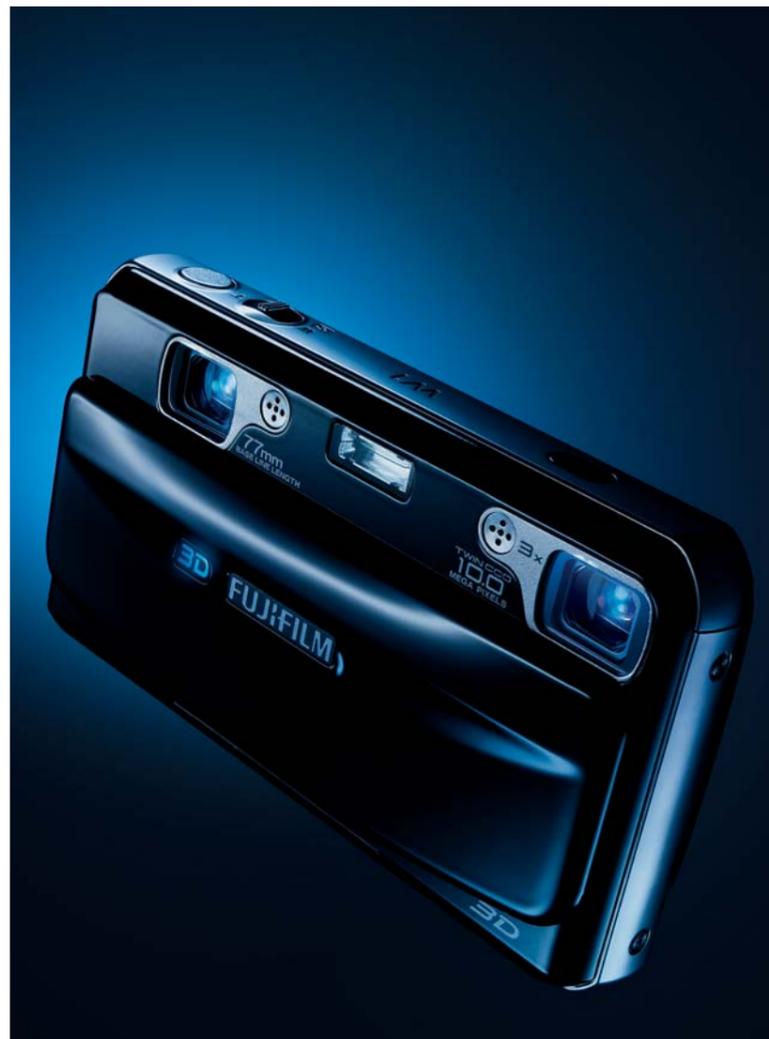
Enjoy cutting-edge prints of your 3D Photos.

For those 3D images you want to keep as a print forever, FUJIFILM has developed a high-precision 3D photo printing technology – the culmination of our decades of experience in photo development and processing. The wonder of our 3D photo printing technology is bringing priceless moments to life!

**3D Prints**  
5"×7" / 127×178mm  
4"×6" / 102×152mm

FinePix REAL 3D Website  
<http://fujifilm.com/3d/>

FINEPIX REAL 3D W1



With a robust sliding barrier protecting the lenses, the camera is designed for superb ease of operation.



Control button for one-touch switching between 3D/2D shooting.



Settings are easy with blue illuminated buttons. Even graphical user interface including the menus are displayed in 3D.



The innovative twin 3x zoom lens optical system has been developed by Fujinon. Lens positioning is optimized for 3D imaging.



The newly developed 3D LCD monitor serves as both a canvas for composing shots and a screen for playing back your images in 3D.



Twin microphones and speakers deliver high-quality stereo recording and playback to enhance the 3D experience.

FINEPIX REAL 3D V1



Touch keys appear only when you operate the controls, and disappear during playback for undistracted enjoyment of your images.



3D digital viewer features a touch bar for simple fingertip operation. Quickly browse through albums to find an image with smooth control.



Using original 3D imaging technology, 3D digital viewer reproduces 3D images with exceptional detail on the 8-inch LCD viewer.

Shoot, View & Print in 3D! Only FUJIFILM takes you to the cutting edge of 3D digital imaging.



3D Digital Camera  
FINEPIX REAL 3D W1



3D Digital Viewer  
FINEPIX REAL 3D V1



3D Prints



**3D CAMERA** FinePix REAL 3D LENS SYSTEM

**High-precision lens alignment technology for high-quality 3D image capture.**

Acclaimed for superb resolution and definition, Fujinon lenses are the choice of professional cameramen and a key component of many professional imaging devices. For the FinePix REAL 3D W1, Fujifilm has developed a

groundbreaking image capture system comprising 2 Fujinon lenses and 2 CCDs and integrated it in the compact body with high-precision engineering. An aluminum die-cast frame provides the solid platform for the precision alignment of the left and right lenses so you can take 3D images with an unprecedented quality of reality.



**3D CAMERA** RP (REAL PHOTO) PROCESSOR 3D

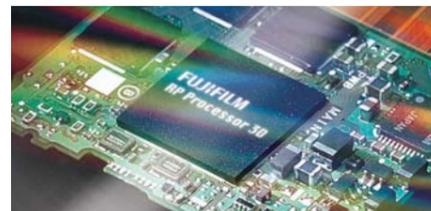
**Instant and simultaneous processing of image data captured by the twin lens-CCD system.**

Image data captured by the twin lens-CCD system is processed by the RP (REAL PHOTO) Processor 3D – a newly developed processor that evaluates all photographic factors from focus and brightness to color tonality, and then merges the left and right

images in a single 3D image. It is also the power behind 3D Auto – the function that makes point-and-shoot 3D photography a reality! This processor can also control the two capture systems independently to capture two different images of the same subject simultaneously – each with different photographic settings.

**Synchronized capture by twin CCDs.**

A new system for synchronized control of the 2 CCDs is built into the camera. High precision synchronization of the left and right shutters captures frames at the same instant. By preventing position drift between the 2 image frames, this technology produces a synchronized image with a natural sense of depth. Even shooting at 30fps, the frame-level synchronization can deliver dynamic 3D movies.



**3D CAMERA** **3D VIEWER** 3D LCD MONITOR SYSTEM

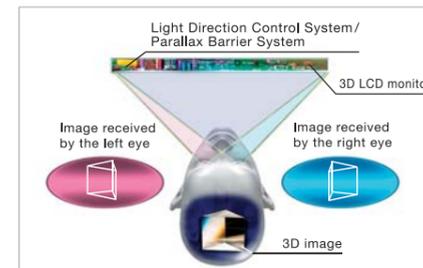
**Original technology displays 3D images that jump out of the screen.**

Our ability to perceive depth comes from viewing an object along two different lines of sight. This phenomenon is called parallax. The monitor on the 3D digital camera

uses an originally developed “Light Direction Control System” and the 3D digital viewer adopts a “Parallax Barrier System” to precisely direct light to the right and left eyes in a way that simulates parallax. Both enable easy and natural viewing of 3D images without special glasses – just the naked eye.

**Enjoy 3D playback on the rear camera monitor or digital viewer.**

With the FinePix REAL 3D system, you can review images in 3D on the camera’s LCD monitor or watch them on the large LCD monitor of the 3D digital viewer. Frame your shot in 3D and play it back in 3D on the spot with the camera’s monitor. On the large-screen 3D digital viewer, enjoy and share the full impact and presence of your 3D photos.



**3D PRINT** HIGH-RESOLUTION 3D PRINT SYSTEM

**Advanced printing technology for production of quality 3D prints.**

FUJIFILM has succeeded in the precision lamination of high-resolution, low-halation prints with lenticular sheets that create the 3D effect. Advanced technology encodes and aligns the captured 3D image according

to the pitch of micro lenses arranged in parallel rows on the lenticular sheet. Seen through the sheet, image data is perceived with a parallax effect. The result is a natural and beautiful 3D print that preserves and breathes life into the moment forever.

