

# Specifications

<b>Model Name</b>	FUJIFILM GFX100S
<b>Lens Mount</b>	FUJIFILM G mount
<b>Image Sensor</b>	43.8mm × 32.9mm Bayer array with primary color filter
<b>Number of effective pixels</b>	102 million pixels
<b>Sensor Cleaning System</b>	Ultra Sonic Vibration
<b>Image Processing Engine</b>	X-Processor 4
<b>Sensor Cleaning System</b>	Ultra Sonic Vibration
<b>Storage media</b>	SD Card (-2GB) SDHC Card (-32GB) SDXC Card (-2TB) UHS-I UHS-II Video Speed Class V90 *Please see the Fujifilm website ( <a href="https://fujifilm-x.com/support/compatibility/cameras/">https://fujifilm-x.com/support/compatibility/cameras/</a> ) to check memory card compatibility.

## File format of still image

<b>DCF</b>	Compliant with Design rule for Camera File system (DCF2.0)
<b>JPEG</b>	Exif Ver.2.32
<b>RAW</b>	14bit / 16bit RAW (RAF original format)
<b>TIFF</b>	8bit / 16bit RGB (In-camera Raw Conversion Only)

**Notes** \*Exif 2.32 is a digital camera file format that contains a variety of shooting information for optimal printing

## Number of recorded pixels

**[L]** 43: 11648 x 8736  
 32: 11648 x 7768  
 169: 11648 x 6552  
 11: 8736 x 8736  
 6524: 11648 x 4304  
 54: 10928 x 8736  
 76: 10192 x 8736

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**[M]** 43: 8256 x 6192  
 32: 8256 x 5504  
 169: 8256 x 4640  
 11: 6192 x 6192  
 6524: 8256 x 3048  
 54: 7744 x 6192  
 76: 7232 x 6192

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**[S]** 43: 4000 x 3000  
 32: 4000 x 2664  
 169: 4000 x 2248  
 11: 2992 x 2992  
 6524: 4000 x 1480  
 54: 3744 x 3000  
 76: 3504 x 3000

## Sensitivity

**Still Image** Standard Output AUTO1  
 AUTO2  
 AUTO3  
 ISO100~12800 (1/3 step)

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Extended Output ISO50  
 ISO25600  
 ISO51200  
 ISO102400

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**Movie** Standard Output AUTO  
 ISO200~12800 (1/3 step)

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Extended Output ISO25600

**Exposure control** TTL 256-zone metering  
Multi  
Spot  
Average  
Center Weighted

**Exposure mode** P (Program AE)  
A (Aperture Priority AE)  
S (Shutter Speed Priority AE)  
M (Manual Exposure)

### Exposure compensation

**Still** -5.0EV~+5.0EV 1/3EV step  
**Movie** -2.0EV~+2.0EV 1/3EV step

### Image stabilizer

**Mechanism** Image sensor shift mechanism with 5-axis compensation  
**Compensation** 6.0 stops  
**Effect**  
**Digital Image Stabilization** Yes (movie mode only)  
**IS MODE BOOST** Yes (movie mode only)

**Shutter type** Focal Plane Shutter

### Shutter speed

<b>Mechanical Shutter</b>	P mode	4sec. to 1/4000sec.
	A mode	30sec. to 1/4000sec.
	S/M mode	60min. to 1/4000sec.
	Bulb	up to 60min.
<b>Electronic Shutter</b>	P mode	4sec. to 1/16000sec.
	A mode	30sec. to 1/16000sec.
	S/M mode	60min. to 1/16000sec.
	Bulb	up to 60min.
	Notes	*The Electronic Shutter may not be suitable for fast-moving objects or handheld shooting. Flash can not be used.

<b>Mechanical + Electronic Shutter</b>	P mode	4sec. to 1/16000sec.
	A mode	30sec. to 1/16000sec.
	S/M mode	60min. to 1/16000sec.
	Bulb	up to 60min.
	Notes	*The Electronic Shutter may not be suitable for fast-moving objects or handheld shooting. Flash can not be used.
<b>E-Front + Mechanical Shutter</b>	P mode	4sec. to 1/4000sec.
<b>E-Front + Mechanical + Electronic Shutter</b>	P mode	4sec. to 1/16000sec.
<b>Movie</b>	4K/DCI4K	1/4000sec. to 1/4sec.
	FHD	1/4000sec. to 1/4sec.
	Notes	*Cannot choose slower shutter speed than framerate with LongGOP recording.
<b>Synchronized Shutter Speed For Flash</b>	Mechanical shutter	1/125sec. or slower

## Continuous shooting

### CH

<b>Electronic Shutter</b> Approx. 2.9fps	JPEG	64 frames
	Compressed RAW	23 frames
	Lossless compressed RAW	18 frames
	Uncompressed RAW	15 frames

<b>Mechanical Shutter</b> Approx. 5.0fps	JPEG	42 frames
	Compressed RAW	16 frames
	Lossless compressed RAW	15 frames
	Uncompressed RAW	14 frames

### CL

<b>Mechanical Shutter</b>	JPEG	Endless
Approx. 2.0fps	Compressed RAW	45 frames
	Lossless compressed RAW	22 frames
	Uncompressed RAW	16 frames

**Notes** \*Electronic Front Curtain Shutter support CL only



## GFX100S

### Drive Mode

<b>AE Bracketing</b>	2 frames
	3 frames
	5 frames
	7 frames
	9 frames

**Filmsimulation** Any 3 types of film simulation selectable

### Bracketing

<b>Dynamic Range</b>	100%
<b>Bracketing</b>	200%
	400%

<b>ISO Sensitivity</b>	$\pm 1/3EV$
<b>Bracketing</b>	$\pm 2/3EV$
	$\pm 1EV$

<b>White Balance</b>	$\pm 1$
<b>Bracketing</b>	$\pm 2$
	$\pm 3$

<b>Focus Bracketing</b>	AUTO
	MANUAL

<b>Multiple Exposure</b>	Yes (Max. 9 frames)
	Additive
	Average
	Bright
	Dark

**Pixel Shift Multi Shot** HIGH RESOLUTION + ACCURATE COLOR

### Focus

<b>Mode</b>	Single AF
	Continuous AF
	MF

<b>Type</b>	Intelligent Hybrid AF (TTL contrast AF / TTL phase detection AF)	
<b>AF Frame Selection</b>	Single point AF	13×9 / 25×17 (Changeable size of AF frame)
	Zone AF	3×3 / 5×5 / 7×7 from 117 areas on 13×9 grid
	All	Yes
<b>Flash</b>		
<b>Shoe Mount Flash</b>	Sync. Mode	1st Curtain 2nd Curtain AUTO FP (HSS)
	Flash Mode	TTL (TTL AUTO / STANDARD / SLOW SYNC.) MANUAL MULTI *When EF-X500 is set OFF
<b>Synchronized Terminal</b>	Sync. Mode	1st Curtain 2nd Curtain
	Flash Mode	MANUAL
<b>Hot shoe</b>	Yes (Dedicated TTL Flash compatible)	
<b>Viewfinder</b>		
<b>EVF</b>	EVF	0.5 inch OLED Color Viewfinder Approx. 3.69 million dots
	Coverage of Viewing Area vs. Capturing Area	Approx. 100%
	Eyepoint	Approx. 23mm (from the Rear End of the Camera's Eyepiece)
	Diopter Adjustment	-4~+2m-1
	Magnification	0.77x with 50mm Lens (35mm Equivalent) at infinity and Diopter set to -1.0m-1
	Diagonal Angle of View	approx. 38° (Horizontal angle of view: approx. 30°) Built-In Eye Sensor
<b>LCD monitor</b>		
	3.2 inch Tilt-Type(Three Direction) Touch Screen Color LCD Monitor	

<b>Aspect Ratio</b>	4:3	
<b>Dots</b>	Approx. 2.36 million dots	
<b>Touch Screen Mode</b>		
<b>Shooting Mode</b>	AF Focus Area OFF Double Tap Setting (ON/OFF) Touch Function Setting (ON/OFF) EVF Touch Screen Area Setting	
<b>Playback Mode</b>	Swipe Pinch-in / Pinch-out Double-tap Drag	
<b>Sub LCD monitor</b>	1.80 inch Monochrome LCD Monitor	
<b>Aspect Ratio</b>	4:3	
<b>Dots</b>	303×230-dot	
<b>Movie recording</b>		
<b>File Format</b>	MOV	HEVC/H.265, Linear PCM (Stereo sound 24bit / 48KHz sampling) MPEG-4 AVC/H.264, Linear PCM (Stereo sound 24bit / 48KHz sampling)
	MP4	MPEG-4 AVC/H.264, AAC
<b>Movie Compression</b>	All Intra	
	*All Intra can be used with following settings.	
<b>DCI4K(17:9)</b>	File size	4096 x 2160
	Frame rate	29.97p 25p 24p 23.98p
	Bitrate	400Mbps 200Mbps 100Mbps
	Recording time	Up to 120min.

<b>4K(16:9)</b>	File size	3840 x 2160	
	Frame rate	29.97p 25p 24p 23.98p	
	Bitrate	400Mbps 200Mbps 100Mbps	
	Recording time	Up to 120min.	
	<b>Full HD(17:9)</b>	File size	2048 x 1080
<b>Full HD(17:9)</b>	Frame rate	59.94p 50p 29.97p 25p 24p 23.98p	
	Bitrate	200Mbps 100Mbps 50Mbps	
	Recording time	Up to 120min.	
	<b>Full HD(16:9)</b>	File size	1920 x 1080
	<b>Full HD(16:9)</b>	Frame rate	59.94p 50p 29.97p 25p 24p 23.98p
Bitrate		200Mbps 100Mbps 50Mbps	
Recording time		Up to 120min.	
<b>Film simulation mode</b>		19 modes PROVIA/Standard Velvia/Vivid ASTIA/Soft	

Classic Chrome  
 PRO Neg.Hi  
 PRO Neg.Std  
 Classic Neg.  
 Nostalgic Neg.  
 ETERNA/Cinema  
 ETERNA BLEACH BYPASS  
 ACROS  
 ACROS + Ye Filter  
 ACROS + R Filter  
 ACROS + G Filter  
 Black & White  
 Black & White + Ye Filter  
 Black & White + R Filter  
 Black & White + G Filter  
 Sepia

## Monochromatic ColorYes

### Grain Effect

**Roughness** STRONG, WEAK, OFF  
**Size** LARGE, SMALL

**Color Chrome Effect** STRONG, WEAK, OFF

**Color chrome Blue** STRONG, WEAK, OFF

**Smooth Skin Effect** STRONG, WEAK, OFF

### Dynamic range setting

**Still** Still AUTO / 100% / 200% / 400%

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ISO restriction DR100%: No limit, DR200%: ISO200 or more,  
DR400%: ISO400 or more

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**Movie** Movie 100% / 200% / 400%

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ISO restriction DR100%: No limit, DR200%: ISO400 or more,  
DR400%: ISO800 or more

### White balance

**Auto** White Priority  
 Auto  
 Ambience Priority

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<b>Custom</b>	Custom1 – 3
<b>Color Temperature Selection</b>	2500K~10000K
<b>Preset</b>	Daylight Shade Fluorescent Light-1 Fluorescent Light-2 Fluorescent Light-3 Incandescent Light Underwater
<b>Clarity setting</b>	±5 steps
<b>Self-timer</b>	<b>Still</b> 10sec. 2sec.
<b>Interval timer shooting</b>	Yes (Setting : Interval, Number of shots, Starting time, Interval timer shooting exposure smoothing)
<b>Wireless transmitter</b>	<b>Standard</b> IEEE802.11b/g/n (standard wireless protocol) <b>Encryption</b> WEP/WPA/WPA2 mixed mode <b>Access Mode</b> Infrastructure
<b>Bluetooth®</b>	<b>Standard</b> Bluetooth Ver. 4.2 (Bluetooth low energy) <b>Operating Frequency (Center Frequency)</b> 2402~2480MHz
<b>Terminal</b>	<b>Digital Interface</b> USB Type-C (USB3.2 Gen1x1) <b>HDMI Output</b> HDMI Micro connector (Type D) <b>Others</b> ø3.5mm, stereo mini connector (Microphone) ø3.5mm, stereo mini connector (Headphone) ø2.5mm, Remote Release Connector Hot shoe Synchronized terminal
<b>Power supply</b>	NP-W235 Li-ion battery (included)

<b>Battery Life For Still Images</b>	Normal Mode	Approx. 460 frames
	Notes	*When GF63mmF2.8 R WR is set
<b>Actual Battery Life Of Movie Capture</b>	4K	Approx. 60min. (29.97p)
	Full HD	Approx. 65min. (59.94p)
	Notes	*Face detection is set to OFF
<b>Continuance Battery Life Of Movie Capture</b>	4K	Approx. 95min. (29.97p)
	Full HD	Approx. 110min. (59.94p)
	Notes	*Face detection is set to OFF *Approximate number of frames or movie recording time that can be taken with a fully-charged based on CIPA Standard.

## Dimensions

<b>Width</b>	150.0mm
<b>Height</b>	104.2mm
<b>Depth</b>	87.2mm
<b>(Minimum Depth)</b>	44.0mm

## Weight

<b>Including Battery And Memory Card</b>	Approx. 900g
<b>Excluding Battery And Memory Card</b>	Approx. 819g

## Operation Environment

<b>Operating Temperature</b>	-10°C – +40°C
<b>Operating Humidity</b>	10% – 80% (no condensation)

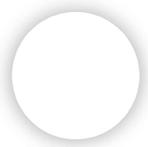
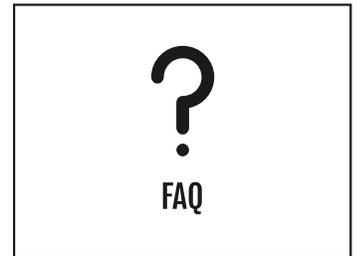
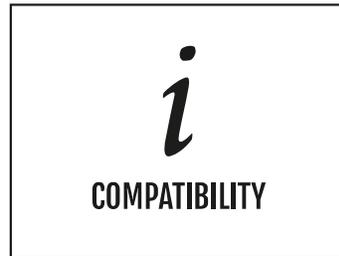
<b>Accessories included</b>	Li-ion battery NP-W235 AC power adapter AC-5VJ Plug adapter USB cable Shoulder strap Body cap
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Hot shoe cover  
Cable protector

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\*2 Exif 2.32 is a digital camera file format that contains a variety of shooting information for optimal printing.

\*3 Approximate number of frames or movie recording time that can be taken with a fully-charged based on CIPA Standard.



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