

Specifications

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

File format of still image

DCF	Compliant with Design rule for Camera File system (DCF2.0)
JPEG	Exif Ver.2.32
RAW	14bit / 16bit RAW (RAF original format)
TIFF	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

[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

[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)

Extended Output ISO50
 ISO25600
 ISO51200
 ISO102400

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

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

Mechanical Shutter	P mode	4sec. to 1/4000sec.
	A mode	30sec. to 1/4000sec.
	S/M mode	60min. to 1/4000sec.
	Bulb	up to 60min.
Electronic Shutter	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.

Mechanical + Electronic Shutter	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.
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E-Front + Mechanical Shutter	P mode	4sec. to 1/4000sec.
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E-Front + Mechanical + Electronic Shutter	P mode	4sec. to 1/16000sec.
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Movie	4K/DCI4K	1/4000sec. to 1/4sec.
	FHD	1/4000sec. to 1/4sec.
	Notes	*Cannot choose slower shutter speed than framerate with LongGOP recording.
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Synchronized Shutter Speed For Flash	Mechanical shutter	1/125sec. or slower

Continuous shooting

CH

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

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

CL

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

Notes *Electronic Front Curtain Shutter support CL only



GFX100S

Drive Mode

AE Bracketing	2 frames
	3 frames
	5 frames
	7 frames
	9 frames

Filmsimulation Any 3 types of film simulation selectable

Bracketing

Dynamic Range Bracketing	100%
	200%
	400%

ISO Sensitivity Bracketing	$\pm 1/3EV$
	$\pm 2/3EV$
	$\pm 1EV$

White Balance Bracketing	± 1
	± 2
	± 3

Focus Bracketing	AUTO
	MANUAL

Multiple Exposure	Yes (Max. 9 frames)
	Additive
	Average
	Bright
	Dark

Pixel Shift Multi Shot	HIGH RESOLUTION + ACCURATE COLOR
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Focus

Mode	Single AF
	Continuous AF
	MF

Type		Intelligent Hybrid AF (TTL contrast AF / TTL phase detection AF)
AF Frame Selection	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
Flash		
Shoe Mount Flash	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
Synchronized Terminal	Sync. Mode	1st Curtain 2nd Curtain
	Flash Mode	MANUAL
Hot shoe		Yes (Dedicated TTL Flash compatible)
Viewfinder		
EVF	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
LCD monitor		
		3.2 inch Tilt-Type(Three Direction) Touch Screen Color LCD Monitor

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

4K(16:9)	File size	3840 x 2160
	Frame rate	29.97p 25p 24p 23.98p
	Bitrate	400Mbps 200Mbps 100Mbps
	Recording time	Up to 120min.
Full HD(17:9)	File size	2048 x 1080
	Frame rate	59.94p 50p 29.97p 25p 24p 23.98p
	Bitrate	200Mbps 100Mbps 50Mbps
	Recording time	Up to 120min.
Full HD(16:9)	File size	1920 x 1080
	Frame rate	59.94p 50p 29.97p 25p 24p 23.98p
	Bitrate	200Mbps 100Mbps 50Mbps
	Recording time	Up to 120min.
Film simulation mode	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%
		ISO restriction	DR100%: No limit, DR200%: ISO200 or more, DR400%: ISO400 or more
	Movie	Movie	100% / 200% / 400%
		ISO restriction	DR100%: No limit, DR200%: ISO400 or more, DR400%: ISO800 or more

White balance

Auto White Priority
Auto
Ambience Priority

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

Battery Life For Still Images	Normal Mode	Approx. 460 frames
	Notes	*When GF63mmF2.8 R WR is set
Actual Battery Life Of Movie Capture	4K	Approx. 60min. (29.97p)
	Full HD	Approx. 65min. (59.94p)
	Notes	*Face detection is set to OFF
Continuance Battery Life Of Movie Capture	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

Width	150.0mm
Height	104.2mm
Depth	87.2mm
(Minimum Depth)	44.0mm

Weight

Including Battery And Memory Card	Approx. 900g
Excluding Battery And Memory Card	Approx. 819g

Operation Environment

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

Accessories included	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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MANUAL



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