

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
Storage media		SD Card (-2GB) / SDHC Card (-32GB) / SDXC Card (-2TB) / UHS-I / UHS-II / Video Speed Class V90*1
File format of still image	DCF	Compliant with Design rule for Camera File system (DCF2.0)
	JPEG	Exif Ver.2.32 *2
	RAW	16bit / 14bit RAW (RAF original format)
	TIFF	8bit / 16bit RGB (In-camera Raw Conversion Only)
Number of recorded pixels		[L] <4:3> 11648×8736 <3:2> 11648×7768 <16:9> 11648×6552 <1:1> 8736×8736 <65:24> 11648×4304 <5:4> 10928×8736 <7:6> 10192×8736
		[M] <4:3> 8256×6192 <3:2> 8256×5504 <16:9> 8256×4640 <1:1> 6192×6192 <65:24> 8256×3048 <5:4> 7744×6192 <7:6> 7232×6192
		[S] <4:3> 4000×3000 <3:2> 4000×2664 <16:9> 4000×2248 <1:1> 2992×2992 <65:24> 4000×1480 <5:4> 3744×3000 <7:6> 3504×3000
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 Effect	6.0 stops *based on CIPA standard *Pitch/yaw shake only *With GF63mmF2.8 R WR lens mounted
	Digital Image Stabilization	Yes (movie mode only)
	IS MODE BOOST	Yes (movie mode only)
Shutter type		Focal Plane Shutter
Shutter speed Mechanical		P mode: 4sec. to 1/4000sec. A mode: 30sec. to 1/4000sec.

	shutter	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. *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. *The Electronic Shutter may not be suitable for fast-moving objects or handheld shooting. Flash can not be used.
	Electronic Front Curtain 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 front curtain shutter works until 1/1250sec. *When using the electronic front curtain shutter, the continuous shooting supports CL only
	Electronic Front Curtain Shutter + 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. *Electronic front curtain shutter works until 1/1250sec, Mechanical shutter works until 1/4000sec. *The Electronic Shutter may not be suitable for fast-moving objects or handheld shooting. Flash can not be used. *When using the electronic front curtain shutter, the continuous shooting supports CL only
	Movie	DCI4K/4K: 1/4000sec. - 1/4sec. FHD: 1/4000sec. - 1/4sec. *Cannot choose slower shutter speed than framerate with LongGOP recording.
	Synchronized shutter speed for flash	1/125sec. or slower
Continuous shooting		CH Electronic shutter 2.9fps (JPEG: 64 frames, Compressed RAW: 23frames, Lossless compressed RAW: 18 frames, Uncompressed RAW: 15 frames) CH 5.0fps (JPEG: 42 frames, Compressed RAW: 16 frames, Lossless compressed RAW: 15 frames, Uncompressed RAW: 14 frames) CL 2.0fps (JPEG: Endless, Compressed RAW: 45 frames, Lossless compressed RAW: 22 frames, Uncompressed RAW: 16 frames) *Electronic Front Curtain Shutter support CL only. *Recordable frames depends on recording media. *Speed of continuous shooting depends on shooting environment and shooting frames.
Drive Mode	AE Bracketing	2 frames / 3 frames / 5 frames / 7 frames / 9 frames *by 1/3EV step, up to ± 3 EV steps
	Filmsimulation bracketing	Any 3 types of film simulation selectable
	Dynamic Range Bracketing	100% / 200% / 400%
	ISO sensitivity Bracketing	$\pm 1/3$ EV / $\pm 2/3$ EV / ± 1 EV
	White Balance Bracketing	± 1 / ± 2 / ± 3
	Focus Bracketing	AUTO / MANUAL
	Multiple Exposure	Yes (Max. 9 frames) / Additive / Average / Bright / Dark
	Pixel Shift Multi Shot	Yes

Focus	Mode	Single AF / Continuous AF / MF
	Type	Intelligent Hybrid AF (TTL contrast AF / TTL phase detection AF)
	Low-light Performance	Contrast: -2.5EV / GF80mmF1.7 attached Phase Detection: -5.5EV / GF80mmF1.7 attached
	AF frame selection	Single point AF: 13x9 / 25x17 (Changeable size of AF frame) Zone AF: 3x3 / 5x5 / 7x7 from 117 areas on 13x9 grid Wide/Tracking AF: Yes (AF-S: Wide / AF-C: Tracking) All: Yes
	Face/eye detection	Yes
Flash	Sync. Mode	1st Curtain / 2nd Curtain / AUTO FP (HSS) When SHOE MOUNT FLASH is set TTL (TTL AUTO / STANDARD / SLOW SYNC.) / MANUAL / MULTI / OFF
Hot shoe		Yes (Dedicated TTL Flash compatible)
Viewfinder		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, Touch Function Setting, EVF Touch Screen Area Setting
	Playback Mode	Swipe, Pinch-in / Pinch-out, Double-tap, Drag
Sub LCD monitor		1.80 inch Monochrome LCD Monitor Aspect Ratio: 4:3 Dots: 303x230-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 / Long GOP *All Intra can be used with following settings. DCI4K/4K 29.97p/25p/24p/23.98p 400Mbps Full HD(2048x1080) / Full HD(1920x1080) 59.94p/50p/29.97p/25p/24p/23.98p 200Mbps
	File size Frame rate Bitrate Recording time	[DCI4K(17:9)] 4096x2160 29.97p/25p/24p/23.98p 400Mbps/200Mbps/100Mbps Up to 120min. [4K(16:9)] 3840x2160 29.97p/25p/24p/23.98p 400Mbps/200Mbps/100Mbps Up to 120min. [Full HD(17:9)] 2048x1080 59.94p/50p/29.97p/25p/24p/23.98p 200Mbps/100Mbps/50Mbps Up to 120min. [Full HD(16:9)] 1920x1080 59.94p/50p/29.97p/25p/24p/23.98p

200Mbps/100Mbps/50Mbps Up to 120min.

*For recording movies, use a SD memory card with UHS Speed Class 3 or higher.

*For recording movies in 400Mbps, use a SD memory card with Video Speed Class 60 or higher.

*Recording movies in 400Mbps can be done with DCI4K/4K 29.97p/25p/24p/23.98p.

*Recording time can become short depending on the temperature and/or shooting conditions.

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 Color		Yes
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	AUTO / 100% / 200% / 400% ISO restriction: DR100%: No limit, DR200%: ISO200 or more, DR400%: ISO400 or more
	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	Fine / Shade / Fluorescent Light-1 / Fluorescent Light-2 / Fluorescent Light-3 / Incandescent Light / Underwater
Clarity setting		±5 steps
Self-timer		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*3	Normal Mode: Approx. 460 frames *When GF63mmF2.8 R WR is set
	Actual battery life of movie capture*3	4K: Approx. 60min. (29.97p) Full HD: Approx. 65min. (59.94p) *Face detection is set to OFF
	Continuance battery life of movie capture*3	4K: Approx. 95min. (29.97p) Full HD: Approx. 110min. (59.94p) *Face detection is set to OFF
Dimensions		Width: 150.0mm Height: 104.2mm Depth: 87.2mm (Minimum Depth) 44.0mm
Weight		including battery and SD memory card: Approx. 900g excluding battery and SD memory card: Approx. 821g
Operation Environment	Operating Temperature	-10°C - +40°C
	Operating Humidity	10% - 80% (no condensation)
Starting up period		Approx. 0.5sec.
Accessories included		Li-ion battery NP-W235 AC power adapter AC-5VJ Plug adapter USB cable Shoulder strap Body cap Hot shoe cover Cable protector Owner's manual

*1 Please see the Fujifilm website (<https://fujifilm-x.com/support/compatibility/cameras/>) to check memory card compatibility.

*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.