



Clifton Cameras Product Specification

Fujifilm GFX 100 II Medium Format Camera

Item	Spec
Model name	FUJIFILM GFX100 II
Lens Mount	FUJIFILM G mount
Image sensor	43.8mm×32.9mm Bayer array with primary colour filter
Number of effective pixels	102 million pixels
Sensor Cleaning System	Ultra Sonic Vibration
Image Processing Engine	X-Processor 5
Storage media	SD Card (-2GB)
	SDHC Card (-32GB)
	SDXC Card (-2TB)
	UHS-I
	UHS-II
	Video Speed Class V90
	CFexpress Type B Card (-2TB)
	SSD (-2TB)
	*Please see the Fujifilm website (https://fujifilm-x.com/support/compatibility/cameras/) to check memory card compatibility.
File format of still image	Compliant with Design rule for Camera File system (DCF2.0)
	Exif Ver.2.32
	4:2:2 10bit
	14bit / 16bit RAW (RAF original format)
	8bit / 16bit RGB (In-camera Raw Conversion Only)
	*Exif 2.32 is a digital camera file format that contains a variety of shooting information for optimal printing
Number of recorded pixels	11648 x 8736
	11648 x 7768

	11648 x 6552
	8736 x 8736
	11648 x 4304
	10928 x 8736
	10192 x 8736
	8256 x 6192
	8256 x 5504
	8256 x 4640
	6192 x 6192
	8256 x 3048
	7744 x 6192
	7232 x 6192
	4000 x 3000
	4000 x 2664
	4000 x 2248
	2992 x 2992
	4000 x 1480
	3744 x 3000
	3504 x 3000
Panorama	
Lens	
Aperture	
Focus range	
Conversion lens	

Digital Tele-Converter	
Sensitivity	AUTO1
	AUTO2
	AUTO3
	ISO80~12800 (1/3 step)
	ISO40
	ISO25600
	ISO51200
	ISO102400
	AUTO
	ISO100~12800 (1/3 step)
	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	-5.0EV~+5.0EV 1/3EV step
	-2.0EV~+2.0EV 1/3EV step
Image stabilizer	Image sensor shift mechanism with 5-axis compensation

	8.0 stops
	*based on CIPA standard
	*Pitch/yaw shake only
	*With GF63mmF2.8 R WR lens mounted
	Yes (movie mode only)
	Yes (movie mode only)
Shutter type	Focal Plane Shutter
Shutter speed	30sec. to 1/4000sec.
	30sec. to 1/4000sec.
	60min. to 1/4000sec.
	up to 60min.
	30sec. to 1/32000sec.
	30sec. to 1/32000sec.
	60min. to 1/32000sec.
	up to 60min.
	*The Electronic Shutter may not be suitable for fast-moving objects or handheld shooting. Flash can not be used.
	30sec. to 1/32000sec.
	30sec. to 1/32000sec.
	60min. to 1/32000sec.
	up to 60min.
	*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.
	30sec. to 1/4000sec.
	30sec. to 1/4000sec.

	<p>60min. to 1/4000sec.</p> <p>up to 60min.</p> <p>*Electronic front curtain shutter works until 1/1250sec.</p> <p>*When using the electronic front curtain shutter, the continuous shooting supports CL only</p> <p>30sec. to 1/32000sec.</p> <p>30sec. to 1/32000sec.</p> <p>60min. to 1/32000sec.</p> <p>up to 60min.</p> <p>*Electronic front curtain shutter works until 1/1250sec, Mechanical shutter works until 1/4000sec.</p> <p>*The Electronic Shutter may not be suitable for fast-moving objects or handheld shooting. Flash can not be used.</p> <p>*When using the electronic front curtain shutter, the continuous shooting supports CL only</p> <p>1/4000sec. to 1/24 sec.</p> <p>1/4000sec. to 1/8 sec.</p> <p>1/4000sec. to 1/8 sec.</p> <p>*Cannot choose slower shutter speed than framerate for some settings.</p> <p>1/125sec. or slower</p>
Continuous shooting	Approx. 8.7fps (35mm Format Mode ON)
	1000+ frames
	156 frames

	148 frames
	71 frames
	Approx. 5.8fps (35mm Format Mode ON)
	1000+ frames
Continuous shooting	Approx. 5.3fps
	1000+ frames
	1000+ frames
	1000+ frames
	390 frames
	119 frames
	119 frames
	98 frames
Continuous shooting	Approx. 8.0fps
	1000+ frames
	325 frames
	302 frames
	76 frames
	75 frames
	75 frames
	55 frames
	Approx. 5.0fps
	1000+ frames
	1000+ frames

	1000+ frames
	497 frames
	153 frames
	152 frames
	116 frames
	Approx. 2.0fps
	1000+ frames
	<p>*Electronic Front Curtain Shutter support CL only.</p> <p>*No. of recordable frames are calculated based on CFexpress Type B card in a cold start</p> <p>*Recordable frames depends on recording media</p> <p>*Speed of continuous shooting depends on shooting environment and shooting frames</p>
Drive Mode	2 frames
	3 frames
	5 frames
	7 frames
	9 frames
	*by 1/3EV step, up to ± 3 EV steps
	Any 3 types of film simulation selectable
	100%
	200%
	400%
	$\pm 1/3$ EV

	±2/3EV
	±1EV
	±1
	±2
	±3
	AUTO
	MANUAL
	Yes (Max. 9 frames)
	Additive
	Average
	Bright
	Dark
	Yes
	Yes
Focus	Single AF
	Continuous AF
	MF
	Intelligent Hybrid AF (TTL contrast AF / TTL phase detection AF)
	-2.5EV
	GF80mmF1.7 attached
	-5.5EV
	GF80mmF1.7 attached
	13x9 / 25x17 (Changeable size of AF frame)
	3x3 / 5x5 / 7x7 / Custom1-3 from 117 areas on 13x9 grid
	Yes (AF-S: Wide / AF-C: Tracking)
	Yes
	Yes

	Yes (Animal/Bird/Automobile/Motorcycle&Bike/Airplane/Train)	
Flash	1st Curtain	
	2nd Curtain	
	AUTO FP (HSS)	
	TTL (TTL AUTO / STANDARD / SLOW SYNC.)	
	MANUAL	
	MULTI *When EF-X500 is set	
	OFF	
	1st Curtain	
	2nd Curtain	
	MANUAL	
Hot shoe	Yes (Dedicated TTL Flash compatible)	
Viewfinder (Hybrid viewfinder)		
Viewfinder	0.64 inch OLED Color Viewfinder	
	Approx. 9.44 million dots	
	Approx. 100%	
	Approx. 21mm (from the Rear End of the Camera's Eyepiece)	
	-5~+2m-1	
	1.00x with 50mm Lens (35mm Equivalent) at infinity and Diopter set to -1.0m-1	
	approx. 47° (Horizontal angle of view: approx. 38°)	
	Built-In Eye Sensor	
LCD monitor	3.2 inch Tilt-Type(Three Direction) Touch Screen Color LCD Monitor	
	4:3	
	Approx. 2.36 million dots	
Touch Screen Mode		
	AF	

	Focus Area
	OFF
	Double Tap Setting (ON/OFF)
	Touch Function Setting (ON/OFF)
	EVF Touch Screen Area Setting
	Swipe
	Pinch-in / Pinch-out
	Double-tap
	Drag
Sub LCD monitor	2.09 inch Monochrome LCD Monitor
	4:3
	320x219-dot
Rear sub monitor	
Movie recording	Apple ProRes 422 HQ, Linear PCM (Stereo sound 24bit / 48KHz sampling)
	Apple ProRes 422, Linear PCM (Stereo sound 24bit / 48KHz sampling)
	Apple ProRes 422 LT, Linear PCM (Stereo sound 24bit / 48KHz sampling)
	HEVC/H.265, Linear PCM (Stereo sound 24bit / 48KHz sampling)
	MPEG-4 AVC/H.264, Linear PCM (Stereo sound 24bit / 48KHz sampling)
	All Intra
	Long GOP

	8192 x 4320
	24p
	23.98p
	720Mbps
	360Mbps
	200Mbps
	100Mbps
	50Mbps
	7680 x 4320
	29.97p
	25p
	24p
	23.98p
	720Mbps
	360Mbps
	200Mbps
	100Mbps
	50Mbps
	8192 x 2968
	24p
	23.98p
	720Mbps
	360Mbps
	200Mbps
	100Mbps
	50Mbps
	5824 x 2476

	29.97p
	25p
	24p
	23.98p
	720Mbps
	360Mbps
	200Mbps
	100Mbps
	50Mbps
	5440 x 2868
	29.97p
	25p
	24p
	23.98p
	720Mbps
	360Mbps
	200Mbps
	100Mbps
	50Mbps
	4776 x 3184
	24p
	23.98p
	720Mbps
	360Mbps
	200Mbps
	100Mbps
	50Mbps
	4664 x 3380
	24p

23.98p
720Mbps
360Mbps
200Mbps
100Mbps
50Mbps
4096 x 2160
59.94p
50p
29.97p
25p
24p
23.98p
720Mbps
360Mbps
200Mbps
100Mbps
50Mbps
3840 x 2160
59.94p
50p
29.97p
25p
24p
23.98p
720Mbps

	360Mbps
	200Mbps
	100Mbps
	50Mbps
	2048 x 1080
	59.94p
	50p
	29.97p
	25p
	24p
	23.98p
	720Mbps
	360Mbps
	200Mbps
	100Mbps
	50Mbps
	1920 x 1080
	59.94p
	50p
	29.97p
	25p
	24p
	23.98p
	720Mbps
	360Mbps

	200Mbps
	100Mbps
	50Mbps
	2048 x 1080
	120p
	100p
	720Mbps (recording)
	360Mbps (recording)
	200Mbps (recording)
	1920 x 1080
	120p
	100p
	720Mbps (recording)
	360Mbps (recording)
	200Mbps (recording)
	*Selectable mode will be changed depending on the "Image Format" setting.
	*For recording movies, use a CFexpress Type B card or SD memory card with UHS Speed Class 3 or higher.
	*For recording movies in 360Mbps, use a CFexpress Type B card or SD memory card with Video Speed Class 60 or higher.
	*For recording movies in 720Mbps, use a CFexpress Type B card or SD memory card with Video Speed Class 90 or higher.

	*Selectable bitrate will be changed depends on the setting.
	*Apple ProRes codec can be only recorded to CFexpress Type B card
	*Bitrate for Apple ProRes codec is not selectable.
	*Recording time can become short depending on the temperature and/or shooting conditions
Scene Position mode	
Film simulation mode	20 modes
	PROVIA/Standard
	Velvia/Vivid
	ASTIA/Soft
	Classic Chrome
	REALA ACE
	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

B & W ADJ. (Warm/Cool)	
Grain Effect	STRONG, WEAK, OFF
	LARGE, SMALL
Color Chrome Effect	STRONG, WEAK, OFF
Color chrome Blue	STRONG, WEAK, OFF
Smooth Skin Effect	STRONG, WEAK, OFF
Dynamic range setting	AUTO / 100% / 200% / 400%
	DR100%: No limit、 DR200%: ISO160 or more、 DR400%: ISO320 or more
	100% / 200% / 400%
	DR100%: No limit、 DR200%: ISO200 or more、 DR400%: ISO400 or more
White balance	White Priority
	Auto
	Ambience Priority
	Custom1 - 3
	2500K~10000K
	Daylight
	Shade
	Fluorescent Light-1
	Fluorescent Light-2
	Fluorescent Light-3
	Incandescent Light
	Underwater
Clarity setting	±5 steps
Self-timer	10sec.
	2sec.
	10sec.
	5sec.
	3sec.

Interval timer shooting	Yes (Setting : Interval, Number of shots, Starting time, Interval timer shooting exposure smoothing, Interval priority mode)
Wireless transmitter	IEEE802.11a/b/g/n/ac (standard wireless protocol)
	WPA/WPA2 mixed mode, WPA3
	Infrastructure
Bluetooth®	Bluetooth Ver. 4.2 (Bluetooth low energy)
	2402 ~ 2480MHz
Terminal	USB Type-C (USB3.2 Gen2x1)
	HDMI connector (Type A)
	1000BASE-T、100BASE-TX、10BASE-T
	∅3.5mm, stereo mini connector (Microphone)
	∅3.5mm, stereo mini connector (Headphone)
	∅2.5mm, Remote Release Connector
	Hot shoe
	Synchronized terminal
Power supply	NP-W235 Li-ion battery (included)
	Approx. 540 frames
	*Auto power save ON
	*When GF63mmF2.8 R WR is set
	Approx. 60min. (29.97p)
	Approx. 60min. (59.94p)
	Approx. 80min. (59.94p)
	*Face detection is set to OFF
	Approx. 80min. (29.97p)

	Approx. 90min. (59.94p)
	Approx. 140min. (59.94p)
	*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	152.4mm
	117.4mm
	98.6mm
	46.5mm
	152.4mm
	103.5mm
	73.5mm
	46.5mm
Weight	約948g (including EVF: 1,030g)
	約867g (including EVF: 949g)
Operation Environment	-10°C~+40°C
	10% - 80% (no condensation)
Starting up period	約0.5秒
Accessories included	Interchangeable electronic viewfinder EVF-GFX3
	Li-ion battery NP-W235
	AC power adapter AC-5VJ
	Plug adapter
	USB cable
	Shoulder strap

