Specifications

Model name		FUJIFILM GFX 50R *FW ver2.00
Number of effective pixels		51.4 million pixels
Image sensor		43.8mm×32.9mm Bayer array with primary color filter
Sensor Cleaning System		Ultra Sonic Vibration
Storage media		SD Card (-2GB) / SDHC Card (-32GB) / SDXC Card (-256GB) UHS-I / UHS-II*1
File format Still Image		JPEG (Exif Ver.2.3)*2, RAW : 14bit RAW (RAF original format), RAW+JPEG, 8-bit TIFF (In-camera Raw Conversion Only)
	Movie	MOV (MPEG-4 AVC / H.264, Audio : Linear PCM / Stereo sound 48KHz sampling)
Number of recorded pixels		[L] <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
Lens Mount		FUJIFILM G mount
Sensitivity	Standard Output	AUTO1/AUTO2/AUTO3 (up to ISO12800) / ISO100~12800 (1/3 step)
	Extended Output	ISO50 / 25600 / 51200 / 102400
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 (Movie: -2.0EV - +2.0EV)
Image Stabilizer		Supported with OIS type lenses
Shutter type		Focal Plane Shutter
Shutter speed	Mechanical Shutter	4sec. - 1/4000sec. (P mode), 60min. - 1/4000sec. (All modes) Bulb mode (up to 60min.), TIME: 60min. - 1/4000sec.
	Electronic Shutter*3	4sec - 1/16000sec. (P mode), 60min. - 1/16000sec. (All modes) Bulb mode (up to 60min.), TIME: 60min. - 1/16000sec.
	Electronic Front Curtain Shutter*4	4sec. - 1/4000sec. (P mode), 60min. - 1/4000sec. (All modes) Bulb mode (up to 60min.), TIME: 60min. - 1/4000sec.
	Mechanical + Electronic Shutter	4sec. - 1/16000sec. (P mode), 60min. - 1/16000sec. (All modes) Bulb mode (up to 60min.), TIME: 60min. - 1/16000sec.
	Electronic Front Curtain Shutter + Electronic Shutter*3*4	4sec. - 1/16000sec. (P mode), 60min. - 1/16000sec. (All modes) Bulb mode (up to 60min.), TIME: 60min. - 1/16000sec.
	Synchronized shutter speed for flash	1/125sec. or slower
Continuous shooting		Approx. 3.0fps (JPEG: Endless Lossless compression RAW: 13 Frames Uncompressed RAW: 8 Frames)

		*When Using the Electronic Front Curtain Shutter Approx. 1.8fps (JPEG: Endless Lossless Compression RAW: Endless Uncompressed RAW: 8 Frames) *Recordable frame depends on recording media. *Speed of continuous shooting depends on shooting environment and shooting frames.
Auto bracketing		AE Bracketing (2/3/5/7/9 frames) ±1/3EV - ±3EV, 1/3EV step Film Simulation Bracketing (Any 3 types of film simulation selectable) Dynamic Range Bracketing (100%, 200%, 400%) ISO sensitivity Bracketing (±1/3EV, ±2/3EV, ±1EV) White Balance Bracketing (±1, ±2, ±3) Focus Bracketing (AUTO, MANUAL)*5
Focus	Mode	Single AF / Continuous AF / MF
	Type	TTL Contrast AF
	AF frame selection	Single Point AF: EVF / LCD: 13×9 / 25×17 (Changeable Size of AF Frame Among 6 Types) Zone AF: 3×3 / 5×5 / 7×7 from 117 Areas on 13×9 Grid Wide/Tracking AF: (Up to 9 Area) *AF-S: Wide *AF-C: Tracking
White balance		Automatic scene recognition / Custom / Color temperature selection (K) / Preset : Daylight, Shade, Fluorescent light (Daylight), Fluorescent light (Warm White), Fluorescent light (Cool White), Incandescent light, Underwater
Self-timer		10sec. / 2sec.
Interval timer Shooting		YES Setting : Interval, Number of shots, Starting time
Flash modes	SYNC. MODE	1ST CURTAIN / 2ND CURTAIN / AUTO FP(HSS)
*When EF-X500 is set	FLASH MODE	TTL(FLASH AUTO / STANDARD / SLOW SYNC.) / MANUAL / OFF
Hot shoe		Yes (Dedicated TTL Flash compatible)
Viewfinder		0.5 inch Approx. 3.69 millions dots OLED Color Viewfinder 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: 0.77× 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, Aspect Ratio 4:3, Approx. 2,360K-dot Tilt-Type(Two Direction), Touch Screen Color LCD Monitor (Approx. 100% Coverage)
Sub LCD monitor		-
Movie recording		[Full HD (1920×1080)] 29.97p / 25p / 24p / 23.98p 36Mbps up to Approx. 30min. [HD (1280×720)] 29.97p / 25p / 24p / 23.98p 18Mbps up to Approx. 30min.
Photography functions		Color, Sharpness, Highlight tone, Shadow tone, Noise reduction, Long exposure NR, Lens Modulation Optimizer, Color space, Pixel mapping, Select custom setting, Edit/Save custom setting, Store AF mode by orientation, Rapid AF, Low light priority AF-S*5, AF point display, Pre-AF, AF Illuminator, Face/Eye detection AF, AF+MF, Focus peak highlight, Focus check, Interlock spot AE & focus area, Instant AF setting (AF-S/AF-C), Depth-of-field scale, Release/Focus priority, Touch screen mode, Flicker reduction, Mount adapter setting, 35mm Format Mode, Red eye removal, Movie AF mode, RGB Histogram, Highlight alert,

		Electronic level, Preview depth of field, AE lock, AF lock, AF-ON, Multiple exposure
Touch Screen Mode	Shooting Mode	Touch AF, Focus Area, OFF
	Playback Mode	Swipe, Zoom, Pinch-in / Pinch-out, Double-tap, Drag
Film Simulation mode		17 modes (PROVIA/Standard, Velvia/Vivid, ASTIA/Soft, Classic Chrome, PRO Neg.Hi, PRO Neg.Std, Classic Neg*5, ETERNA/CINEMA*5, Black&White, Black&White+Ye Filter, Black&White+R Filter, Black&White+Gfilter, Sepia, ACROS, ACROS+Ye Filter, ACROS+R Filter, ACROS+G Filter)
Grain Effect		STRONG, WEAK, OFF
Color Chrome Effect		STRONG, WEAK, OFF
Smooth Skin Effect*5		STRONG, WEAK, OFF
Dynamic range setting		AUTO, 100%, 200%, 400%
Playback functions		Switch slot, RAW conversion, Erase, Erase selected frames, Simultaneous delete(Raw Slot1/JPG Slot2), Crop, Resize, Protect, Image rotate, Red eye removal, Voice memo setting, Copy, Photobook assist, Multi-frame playback (with micro thumbnail), Favorites/Rating, RGB histogram, Highlight alert
Wireless transmitter	Standard	IEEE 802.11b/g/n (standard wireless protocol)
	Encryption	WEP / WPA / WPA2 mixed mode
	Access mode	Infrastructure
Wireless function		Geotagging, Image transfer (Individual image/Selected multiple images), View & Obtain Images, instax Printer Print, Pairing registration, Delete pairing registration, Bluetooth ON/OFF setting, Auto image transfer, Smartphone Sync. Setting
Other functions		Exif Print, Date/Time, Time difference, 35 Languages, My menu setting, Sensor cleaning, Battery age, Sound set-up, EVF brightness, EVF color, EVF color adjustment, LCD brightness, LCD color, LCD color adjustment, Image disp, Auto rotate displays, Preview exp./WB in manual mode, Natural live view, Framing guideline, Autorotate PB, Focus scale units, Disp. custome setting, Focus lever setting, Edit/Save Quick menu, Function(Fn) setting, Selector button setting, Command dial setting, S.S. operation, Shutter AF, Shutter AE, Shoot without lens, Shoot without card, Focus ring, AE/AF-Lock mode, Expo. Comp. button setting, Touch screen setting, Lock, Auto power off, Shooting stand by mode, Auto power save, Frame No., Save org image, Edit file name, Card slot setting, Switch slot, Movie file destination, Select Folder and Create Folder, Copyright Info
Terminal		
Digital interface		USB Type-C（USB3.1 Gen1）
HDMI output		HDMI Micro connector (Type D)
Others		ø2.5mm, Remote Release / Stereo Mini Connector (Microphone) DC IN 15V Connecter *Compatible with AC-15V (Optional) Only Hot Shoe Synchronized Terninal
Power supply		NP-T125 Li-ion battery (included)
	Battery life for still images*6	Approx. 400 frames When GF63mmF2.8 R WR is set. (Auto power save ON)

Actual battery life of movie capture*6	[Full HD] Approx. 70min. *Face detection is set to OFF
Continuance battery life of movie capture*6	[Full HD] Approx. 145min. *Face detection is set to OFF
Dimensions	160.7mm (W) × 96.5mm (H) × 66.4mm (D) / 6.33in. (W) × 3.80in. (H) × 2.62in. (D) (Minimum Depth : 46.0mm / 1.81in.)
Weight	Approx. 775g / 27.3oz. (including battery and memory card) Approx. 690g / 24.3oz. (excluding accessories, battery and memory card)
Operating Temperature	-10°C - 40°C (+14°F - +104°F)
Operating Humidity	10% - 80% (no condensation)
Starting up period	Approx. 0.4sec. *Fujifilm Research
Accessories included	Li-ion battery NP-T125 Battery charger BC-T125 Plug adapter Body cap Strap clip Protective cover Clip attaching tool Shoulder strap Cable protector Hot shoe cover Sync terminal cover Owner's manual

*1 Please see the Fujifilm website to check memory card compatibility.
*2 Exif 2.3 is a digital camera file format that contains a variety of shooting information for optimal printing.
*3 The Electronic Shutter may not be suitable for fast-moving objects or handheld shooting. Flash can not be used.
*4 When using the electronic front curtain shutter, the continuous shooting speed drops and using high speed shutter, the shutter switches to mechanical shutter. (1/640 sec. to 1/4000 sec.)
*5 Please use your cameras and lenses with the latest version of firmware. If the firmware is not the latest version, compatibility will not be provided.
*6 Approximate number of frames or movie recording time that can be taken with a fully-charged based on CIPA Standard.