THE FUTURE OF HISTORY

FUJIFILM  GFX 50s  GFX 50r

The FUJIFILM GFX system delivers image quality among the best in the industry. It combines outstanding resolution of 51.4 megapixels with exceptional tones, advanced color reproduction and high-performance lenses. This level of image quality is inspirational. The way you interpret the world around you changes the moment you hold this camera. Appreciate all that can be achieved with Fujifilm’s medium format mirrorless camera system, GFX.
HISTORY REGENERATED

The GFX 50S was regenerated as the first model for the GFX system, bringing medium format cameras back to the wider photographic community. It boasts outstanding handling, expandability and style, perfected in the pursuit of ultimate functionality. Complemented with a variety of accessories including the vertical battery grip and EVF tilt adapter, the camera is an ideal tool for professional photographers. This model utilizes the performance of large-diameter lenses to the maximum extent ranging from fashion and commercial photography to landscapes.
FUJIFILM has continued to develop and manufacture medium format film cameras. The priority has always been to achieve premium image quality. The GFX 50R is a rangefinder style, which has been reborn through the history of medium format cameras. Just like medium format film cameras in the past, the GFX 50R has been developed in pursuit of a compact and lightweight system while delivering the ultimate picture quality for everyday snapshots and street photography. This new model expands the potential for the GFX system and makes medium format output even more accessible.
GF110mmF2 R LM WR on FUJIFILM GFX 50S
1/2000sec. F2.0 ISO1250   Photographer: Seigi Takakuwa

GF63mmF2.8 R WR on FUJIFILM GFX 50S
1/125sec. F18 ISO100   Photographer: Gary Heery
TOUGHNESS

Weather-resistant and freeze-proof to -10°C. The GFX 50S and GFX 50R’s magnesium alloy camera bodies are dust- and water-resistant while also being able to withstand low temperatures. Despite carrying a large image sensor, the camera is compact, lightweight and extremely durable. The GFX 50S body, weighing approx. 920g (including EVF, battery and memory card), is designed to be easy to hold even when using larger lenses. The GFX 50R rangefinder style design, weighing even less at just 775g, makes it astonishingly compact and lightweight despite being a medium format digital camera, especially when fitted with a compact lens. Weather seals on the inside of the camera body means it is made to withstand dust and moisture and low temperatures. That makes it a perfect choice for a wide range of tough shooting conditions, as well as in-studio.

GFX 50S

- Dimensions: 160.7mm (W) × 96.5mm (H) × 66.4mm (D) (Minimum depth 46.0mm)
- Weight: Approx. 775g (Including EVF, battery and memory card)
- Body: Magnesium Alloy
- Operating Conditions: Temperature: -10°C - 40°C / Humidity: 10 - 80% (No condensation)

GFX 50R

- Dimensions: 147.5mm (W) × 94.2mm (H) × 91.4mm (D) (Minimum depth 41.6mm)
- Weight: Approx. 920g (Including EVF, battery and memory card)
- Body: Magnesium Alloy
- Operating Conditions: Temperature: -10°C - 40°C / Humidity: 10 - 80% (No condensation)

FEELING

Body texture and dial based operation

The compact and lightweight GFX body is designed with attention to detail to achieve advanced functionality and elegance at the same time. Examples of this can be seen in the optimized shapes of individual components, surface texture of the magnesium alloy body, and the use of rubber material for a more comfortable grip. Operation dials, including the shutter speed dial, are milled out of aluminum blocks for premium texture. Extra attention has been given to the internal structure and fine adjustments have been applied to individual operations, as evident in the clicking sensation and sound. The more you use the camera, the more comfortable it becomes.
The GFX 50S and GFX 50R feature a 43.8×32.9mm CMOS medium format sensor. Both cameras are a product of Fujifilm’s rich history, cutting-edge digital technology and extensive knowledge of medium format film cameras. Boasting an effective resolution of 51.4 million pixels and paired with high-performance GF lenses, the sensor delivers superior tones and sharpness that will surpass the expectations of most professional photographers shooting in the world of commercial, fashion or landscapes.

**SENSOR**

- The GFX 50S and GFX 50R use the X-Processor Pro image processing engine, capable of drawing the very best out of the 51.4 megapixel sensor. Its advanced processing accelerates and optimizes the camera’s performance in a variety of areas including stunning color reproduction with Fujifilm’s unique Film Simulation modes, in-camera RAW conversion to the 8-bit TIFF format, accurate contrast AF, quick startup time, and minimal shutter release time lag and shooting intervals between frames.

**PROCESSOR**

- Fujifilm G Mount
- The GFX uses the G Mount, which has a mount diameter of 65mm, flange back distance of 26.7mm and minimum back focus distance of 16.7mm. It uses as many as 12 electronic contact points for sending and receiving data, plus it supports the use of a wide variety of lenses and accessories. The short back focus distance, made possible because of the Fujifilm mirrorless system’s structure, affords greater freedom in lens design to contribute to the development of fast, compact and high-performance GF lenses while preventing vignetting to deliver edge-to-edge sharpness.

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**Optimized Sensor Design**

Both the shape of the light-gathering micro-lenses and the processing from the photodiodes have been optimized to achieve a high level of sharpness and broad dynamic range. The lowest native ISO sensitivity of 100 and the 14-stop dynamic range, achieved with 14-bit RAW data, delivers high definition images in a variety of conditions with notably rich skin tones and intricate foliage detail.

<table>
<thead>
<tr>
<th>Number of Effective Pixels</th>
<th>51.4 million pixels</th>
</tr>
</thead>
<tbody>
<tr>
<td>Image Sensor</td>
<td>43.8mm×32.9mm (FUJIFILM G Format) CMOS with primary color filter, No optical low-pass filter</td>
</tr>
<tr>
<td>Number of Recorded Pixels</td>
<td>8256×6192</td>
</tr>
</tbody>
</table>

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**FUJIFILM G FORMAT**

- 35mm FORMAT
- APS-C FORMAT

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**FUJIFILM MOUNT**

- Mount Diameter: 65.0mm
- Flange Back Distance: 26.7mm
- Minimum Back Focus: 16.7mm
- External Mount Diameter: 76.5mm
- Mount Diameter: 65.0mm
- Flange Back Distance: 26.7mm
- Electronic Contact: 12 pins
- Sensor Cleaning: Ultrasonic vibration

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**Optimized Sensor Design**

- The GFX 50S and GFX 50R sports the X-Processor Pro image processing engine, capable of drawing the very best out of the 51.4 megapixel sensor. Its advanced processing accelerates and optimizes the camera’s performance in a variety of areas including stunning color reproduction with Fujifilm’s unique Film Simulation modes, in-camera RAW conversion to the 8-bit TIFF format, accurate contrast AF, quick startup time, and minimal shutter release time lag and shooting intervals between frames.
**Vertical Battery Grip VG-GFX1 (Optional)**

The vertical battery grip VG-GFX1 provides a solid grip while also maintaining the camera’s optical axis during vertical shooting. The grip features a Shutter Release Button, Command Dial, Focus Lever, and Fn buttons, mirroring the layout of the camera body. It holds an extra battery to enable shooting for extended periods of time and can be used to charge the battery. Using the AC-15V adapter, available separately, you can fully charge a battery in approx. two hours.

**Dimensions**

<table>
<thead>
<tr>
<th>Width</th>
<th>Height</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>153.5mm</td>
<td>57.0mm</td>
<td>66.2mm</td>
</tr>
</tbody>
</table>

**Weight**

Approx. 310g (Magnesium alloy, excluding battery)

**Operating Temperature**

-10°C - 40°C

**Operating Humidity**

10 - 80% (No condensation)

**Operation Parts**

Shutter button, Command lock, Front and rear command dial, Fn buttons 1-4, Focus lever, Q button, MENU/OK button, Battery cover lock, Tripod socket, Unlock lever

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**System Brochure**

**Monitor**

The rear 3.66M-dot LCD monitor measures 3.2 inches and offers 100% coverage. The smart touchscreen panel enables intuitive operation and tilts in three or two directions for easy framing and shooting from high or low angles.

**Finder**

High Magnification and High Definition Electronic Viewfinder The GFX 50S and GFX 50R are supplied with a 3.66M-dot EVF with 100% coverage. It uses dedicated rich lens elements to achieve extremely high definition finder live view and offers a diopter adjustment range of -4m-1 to +2m-1.

**Media**

Dual Card Slot Both slots support high-speed (UHS) II cards. They can be assigned to store files according to their format, e.g., JPEG, Raw or Movie.

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**Media Brochure**

**Monochrome LCD Monitor**

The 1.28-inch monochrome LCD monitor can be viewed in all conditions (including bright sunlight) and displays information including shutter speed, aperture, ISO, exposure compensation and exposure mode. You can customize up to eight items to be displayed on the monitor; it also has a backlight for viewing in low light conditions.

**EVF Tilting Adapter EVF-TL1 (Optional)**

Attach the optional EVF Tilting Adapter EVF-TL1 between the camera body and the EVF to enable vertical tilt (0°-90° / 5 steps) and horizontal rotation (±45°). This allows you to shoot from waist level or aids shooting in portrait orientation.

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**Interface**

**AF Area Selection**

- AF Area Selection
- Touch AF
- View other area during playback zoom

**Playback Zoom In and Out**

- Pinch-in, Pinch-out
- Playback zoom in and out (Playback mode only)

**Swipe**

- View Next Picture (Playback mode only)

**Flick**

- Up, Down, Right and Left
- Four flick functions (Shooting mode only)

**Other Functions**

- Built-in eye sensor

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**Compatibility with GFX 50S**

- Dimensions: 53.7mm (W) × 36.8mm (H) × 65.3mm (D)
- Weight: Approx. 160g (Aluminium)
- Operating Temperature: -10°C - 40°C
- Operating Humidity: 10 - 80% (No condensation)
- Operation Parts: Shutter button / Tilting lock / Lock release button / Rotating lock lever

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**GFX 50S**

- Dimensions: 147.5mm (W) × 95.8mm (H) × 45mm (D)
- Weight: Approx. 1460g (Magnesium alloy, excluding battery)
- Operating Temperature: -10°C - 40°C
- Operating Humidity: 10 - 80% (No condensation)
- Operation Parts: Shutter button, Control lock, Front and rear command dial, Fn buttons 1-4, Focus lever, Q button, MENU/OK button, Battery cover lock, Tripod socket, Unlock lever

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* Please see the FUJIFILM website to check memory card compatibility.
**Image Formats**
The GFX 50S and GFX 50R save pictures in a variety of formats and quality, including two sizes and three compression levels of JPEGs, as well as compressed/uncompressed RAW. Even when you are shooting only in RAW, the camera records 12-megapixel thumbnails at the same time. Its in-camera RAW conversion function also enables RAW files processing with the ability to save them as 8-bit TIFFs.

**FORMAT / ASPECT**

<table>
<thead>
<tr>
<th>Compressed</th>
<th>Uncompressed</th>
</tr>
</thead>
<tbody>
<tr>
<td>JPEG (Exif ver.2.3)</td>
<td>Uncompressed RAW: 14bit RAW (RAF original format), RAW+JPEG 8bit TIFF (In-camera raw conversion only)</td>
</tr>
</tbody>
</table>

**ISO Sensitivity**
The standard ISO sensitivity range is ISO100-12800, with extended sensitivities of ISO50, ISO25600, ISO51200 and ISO102400 also available. RAW format is supported at all these ISO settings. The AUTO function allows you to set the standard ISO, low shutter speed limit and upper ISO limit, and configure AUTO 1 - 3 settings according to shooting conditions.

**SENSITIVITY**

| Standard Output | AUTO1 / AUTO2 / AUTO3 (up to ISO12800) / ISO100 to 12800 (1/3 step) |
| 2Extended Output | ISO50 / ISO100 / ISO200 / ISO400 |

**WHITE BALANCE**

- **Mode**: Automatic scene recognition, Color temperature selection [2500K - 10000K]
- **Custom**: Custom 1-3
- **Preset**: Daylight, Shade, Fluorescent light (Daylight), Fluorescent light (Warm white), Fluorescent Light (Cool white), Sunlight, Tungsten, Underwater

**ADVANCED IMAGE SETTING**

**GRANULARITY**
Graininess is added to the entire frame to simulate the look of film-based images.

**COLOR CHROME EFFECT**
Provides an extra boost to saturated colors for a more punchy result.

**Other Image Quality Settings**
Tones and colors can be fine tuned in combination with Film Simulation to achieve your desired color reproduction.

**CLASSIC CHROME**
Delivering subtle colors and beautifully muted tones, this simulation is reminiscent of vintage reversal film.

**PRO Neg. Hi**
Produce portraits with sharp contrast even in flat light. This option delivers radiant skin tones and smooth gradation.

**SEPIA**
Adds a warm tone across the frame for a sepia look. When applied to a retro subject, it creates a nostalgic look.

**MONOCHROME**
General use monochrome mode that offers three filter options (Ye, R and G), just like ACROS.

**CLASSIC Chromatic Aberration**
Combining a soft effect with high saturation, this option delivers radiant skin tones and smooth gradation.
**SHUTTER**

The World’s First*1 Focal-Plane Shutter Specifically Designed for Medium Format Mirrorless Cameras

The newly developed focal-plane shutter is the world’s first specifically designed for medium format mirrorless cameras. It is a low-noise mechanical shutter that withstands 150,000 actuations*, offers shutter speeds up to 1/4000sec., and has an electronic first curtain. Choose from three shutter types, including an electronic shutter.

- **Mechanical Shutter**
  - 4sec. to 1/10000sec. (P mode), 60min. to 1/10000sec. (All modes)
  - Bulb mode (up to 60min.), TIME: 60min. to 1/10000sec.

- **Electronic Front Curtain Shutter (HSS)**
  - 1/10000sec. to 1/1600sec. (P mode), 60min. to 1/1600sec. (All modes)
  - Bulb mode (up to 60min.), TIME: 60min. to 1/1600sec.

- **Electronic Shutter**
  - 2sec. to 1/1600sec. (P mode), 60min. to 1/1600sec. (All modes)

*2 According to Fujifilm internal testing.

**Continuous Shooting**

In continuous shooting mode, the GFX 50S and GFX 50R can shoot at up to 3.0fps until the memory card fills up in JPEG, up to 8 frames in RAW, and up to 13 frames in compressed RAW.

- **Continuous Shooting**
  - Approx. 3fps (JPEG: Endless, Lossless compression RAW: 13 frames, Uncompressed RAW: 8 frames)
  - Approx. 1fps (JPEG: Endless, Lossless compression RAW: Endless, Uncompressed RAW: 8 frames)*2

* When using the Electronic Front Curtain Shutter.

**EXPOSURE MODE**

**Four Metering Modes**

The GFX 50S and GFX 50R offers four metering modes: Multi, Spot, Average and Center Weighted. When spot metering, the focusing and metering areas can be linked.

- **Multi**
- **Spot**
- **Average**
- **Center Weighted**

**PHOTOMETRY**

**Six AF Modes**

- **AF-C + Single Point** For continuously tracking a subject across the frame
- **AF-C + Zone** For continuously tracking a subject across the frame
- **AF-C + Wide** For continuously tracking a subject across the frame
- **AF-C + Wide / Tracking** For continuously tracking a subject across the frame

**Focus Assist Function**

Use the Focus Lever to move the focus area in eight directions (up/down, side to side, diagonally) and to select setting in menu.

**Depth of Field Scale**

The distance indicator bar on the monitor can be used to check depth of field. Choose between the Pixel Basis and Film Format Basis options.

**Focus Lever**

The camera automatically detects and focuses on a face or eyes. Priority can be given to either the right or left eye.

**Face Detection/Eye Detection AF**

The camera automatically detects and focuses on a face or eyes. Priority can be given to either the right or left eye.

**Focus mode**

- **AF-S**: Single Focus
- **AF-C**: Continuous Focus
- **AF-A**: Auto Focus

**AF-Point Types**

- **Multi Focus**
- **TL Contrast AF**

**AF-Frame Select**

- **Zone AF**
- **Wide/Tracking AF**
- **Wide/AF-C Tracking**

**Focus Assist**

Use the Focus Lever to move the focus area in eight directions (up/down, side to side, diagonally) and to select setting in menu.

**Focus Peaking**

Use the Focus Assist function in Manual Focus mode. The Live View on the screen can be enlarged for more accurate focusing.

**Flash shooting**

**Multi-Function Flash**

Flash sync speed is up to 1/125sec. When using the optional EF-X500 or compatible third party studio flash, which supports FP mode, flash sync can be as fast as 1/4000sec. (the maximum shutter speed possible with the mechanical shutter). The camera also offers a variety of flash settings including multiple flash lighting.

- **Compatible Flash (Optional)**
  - FULL: (FULL: EF-FS Series excluding EF-BH)
  - SPEC Terminals: Yes
  - Synchronized shutter speed for flash 1/125sec. or slower

- **SYNC MODE**
  - 1ST CURTAIN / 2ND CURTAIN / AUTO FP (HSI)

- **FLASH MODE**
  - TTL/FLASH AUTO / STANDARD / SLOW SYNCH. / MANUAL / OFF

**Movie recording**

**Full HD Video**

The GFX 50S and GFX 50R supports Full HD video recording and HD video recording. Film Simulation effects, such as ACROS for ultra high-quality monochrome and Classic Chrome for a documentary-themed look, can also be applied to video.

- **Movie Format**
  - MOV

- **Movie Video Compression**
  - MPEG-4 AVC / H.264 / Linear PCM / Stereo sound 48KHz sampling

- **Size (pixels) and Frame Rate**
  - Full HD: Approx. 1920×1080 29.97p / 25p / 24p / 23.98p 36Mbps up to Approx. 30min.
  - HD: 720p / 720p 971p / 25p / 24p / 23.98p 16Mbps up to approx. 30min.

- **Continuous Shot Time**
  - Approximate number of frames or movie recording time that can be taken with a fully-charged based on CIPA Standard.
BRACKETING

Six Types of Bracketing
Six types of bracketing are available to capture multiple frames at different settings with a single press of the shutter release. This function works with both JPEG and RAW formats.

- AE Bracketing (±0.3/0.5/0.7/1.0/1.6/2.0/2.7/3.3/3.7/4.0/5.0/6.0/7.0/7.7/8.3/9.0/9.7/10.0/11.0/12.0/13.0/14.0/15.0/16.0/17.0/18.0/19.0/20.0/21.0/22.0/23.0/24.0/25.0/-1/-2/-3/-4/-5 EV 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)
- Focus Bracketing* (Interval, Number of shots, 10 step)

* GFX 50S: Firmware Ver. 3.00 or later

CONNECTIVITY

Wireless Connectivity
Install the free FUJIFILM Camera Remote app on your smartphone or tablet to carry out a location data search, remotely control the camera and transfer or view in-camera images, all without having to enter a password. This functionality is also useful when shooting landscapes with the camera installed on a tripod.

http://app.fujifilm-dsc.com/

FUNCTION

OTHER FUNCTIONS

Drive Menu
Use the Drive button to quickly switch between different modes such as Burst, Bracketing, and Video.

Drive Menu
- Self Image / Continuous / AE BKT / ISO BKT / Film Simulation BKT / White Balance BKT / Dynamic Range BKT / Focus BKT* / Multiple Exposure / Movie

* GFX 50S: Firmware Ver. 3.00 or later

Command Position (CFI)
Set the ISO Dial (GFX 50S Only) / Aperture Ring to "C" and the Shutter Speed Dial to "F" to change settings only with the front and rear Command Dials.

3D Electronic Level
This electronic level uses a 3D system and is highly effective for architecture or landscape photography, where the accuracy of horizontal and vertical lines is crucial.

Interval Timer Shooting
Sample unique shooting styles including fixed-point photography, time lapse, and self-timer images with controls over shooting interval, total number of frames and shutter delay. You can set an interval between 1 sec. - 24 hours for shooting 1 - infinity frames.

Self Timer
The Self Timer function can be set at 2 sec. or 10 sec. It is particularly useful for situations when you want to minimize camera shake, such as long exposures.

Multiple Exposure
The GFX 50S and GFX 50R allow you to take two frames and combine them for a creative effect. The first shot is displayed on the LCD monitor, so you can easily compose and shoot the second frame.

Shooting Stand By Mode
In standby mode, all displays except the Sub LCD Monitor* turn off to save power when no operations are being performed. Choose the length of time your camera will wait before entering standby mode: 5 min., 2 min., 1 min., 30 sec., or 15 sec.

Interval, Number of shots, 10 step

White Balance Bracketing
±1, ±2, ±3

Focus Bracketing*

Interval Timer Shooting
Sample unique shooting styles including fixed-point photography, time lapse, and self-timer images with controls over shooting interval, total number of frames and shutter delay. You can set an interval between 1 sec. - 24 hours for shooting 1 - infinity frames.

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Interval, Number of shots, 10 step

White Balance Bracketing
±1, ±2, ±3

Focus Bracketing*

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White Balance Bracketing
±1, ±2, ±3

Focus Bracketing*

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Sample unique shooting styles including fixed-point photography, time lapse, and self-timer images with controls over shooting interval, total number of frames and shutter delay. You can set an interval between 1 sec. - 24 hours for shooting 1 - infinity frames.

3D Electronic Level
This electronic level uses a 3D system and is highly effective for architecture or landscape photography, where the accuracy of horizontal and vertical lines is crucial.

Interval Timer Shooting
Sample unique shooting styles including fixed-point photography, time lapse, and self-timer images with controls over shooting interval, total number of frames and shutter delay. You can set an interval between 1 sec. - 24 hours for shooting 1 - infinity frames.
**FLASH**

**High-performance, multi-function flash series supporting multi lighting and FP mode.**

**FLASH**

<table>
<thead>
<tr>
<th>Model No.</th>
<th>EF-60 / EF-W1</th>
<th>EF-X500</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. Guide No.</td>
<td>approx. 160 (ISO 100)</td>
<td>approx. 50 (ISO 100)</td>
</tr>
<tr>
<td>The Coverage (Zoom)</td>
<td>approx. 105 to 300mm (approx. 70 to 210mm in 35mm format)</td>
<td>approx. 205 to 600mm (approx. 137 to 400mm in 35mm format)</td>
</tr>
<tr>
<td>Flash Power</td>
<td>360 full power flashes</td>
<td>120 full power flashes</td>
</tr>
<tr>
<td>Flash Duration</td>
<td>approx. 1.8 sec</td>
<td>approx. 2.5 sec</td>
</tr>
<tr>
<td>Output</td>
<td>1/1 - 1/32 with 1/3EV step selection (flashing)</td>
<td>1/1 - 1/512 with 1/3EV step selection (flashing)</td>
</tr>
<tr>
<td>EV Compensation</td>
<td>+/-2EV in increments of 1/3 of EV</td>
<td>+/-5EV in increments of 1/3 of EV</td>
</tr>
<tr>
<td>Color Temperature</td>
<td>approx. 5,500K (at full flash)</td>
<td>approx. 5,600K (at full flash)</td>
</tr>
<tr>
<td>Repeating flash</td>
<td>approx. 170 times (NiMH battery)</td>
<td>approx. 2.5 sec (NiMH battery)</td>
</tr>
<tr>
<td>Recycling Time</td>
<td>approx. 3 sec. (NiMH battery)</td>
<td>approx. 2.5 sec. (NiMH battery)</td>
</tr>
<tr>
<td>Power Source</td>
<td>DC IN 15V connecter  *Compatible with AC-15V (optional) only</td>
<td>USB Type-C (USB3.1 Gen1)</td>
</tr>
<tr>
<td><strong>TERMINAL</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**TERMINAL**

**External Connection Interface**

- USB 3.0 (High-Speed) / Micro USB Terminal
- USB Type-C (USB3.1 Gen1)
- HDMI micro connector (Type D)
- HDMI micro connector (Type D)
- USB Type-C (USB3.1 Gen1)
- DC IN 15V connecter  *Compatible with AC-15V (optional) only
- Remote Release Connector: ø3.5mm, stereo mini connector
- Microphone Connector: ø3.5mm, stereo mini connector
- Headphone Connector: ø3.5mm, stereo mini connector
- Hot shoe, Synchronized terminal
- Hot shoe, Synchronized terminal
- HDMI micro connector (Type D)
- DC IN 15V connecter  *Compatible with AC-15V (optional) only
- Remote Release Connector: ø3.5mm, stereo mini connector
- Microphone Connector: ø3.5mm, stereo mini connector
- Headphone Connector: ø3.5mm, stereo mini connector
- Hot shoe, Synchronized terminal

**H MOUNT ADAPTER G**

Enables compatibility with H Mount lenses, including SUPER EBC FUJINON HC lenses for GFX645AF (discontinued), to be attached to the G Mount. It supports less shutter operations and aperture priority AE. Focusing is manual only, but the mount features electronic contacts to generate and record lens correction data for individual lenses. And a detachable tripod collar foot is included.

**VIEW CAMERA ADAPTER G**

Allows you to use a 4x5 view camera on the G Mount in conjunction with old large format FUJINON lenses. This allows you to take advantage of a view camera’s characteristic tilt and shift functions while using the focal plane shutter in the camera body.

**Digital Interface**

- USB 3.0 (High-Speed) / Micro USB Terminal
- USB Type-C (USB3.1 Gen1)

**HDMI Output**

- HDMI micro connector (Type D)
- HDMI micro connector (Type D)

**DC IN**

- 15V connecter  *Compatible with AC-15V (optional) only

**Remote Release Connector**

- ø3.5mm, stereo mini connector
- ø3.5mm, stereo mini connector

**Microphone Connector**

- ø3.5mm, stereo mini connector
- ø3.5mm, stereo mini connector

**Headphone Connector**

- ø3.5mm, stereo mini connector
- ø3.5mm, stereo mini connector

**Others**

- Hot shoe, Synchronized terminal
- Hot shoe, Synchronized terminal
### System Catalog

**GF Lenses**

GF lenses, developed with the latest optical technologies, boast outstanding performance and image quality.

#### GF23mmF4 R LM WR
- **Max. magnification**: 0.09x
- **Focus range**: 38cm - ∞
- **Step size**: 1/3EV (19 steps)
- **Number of blades**: 9 (rounded diaphragm opening)
- **Min. aperture**: F32
- **Max. aperture**: F4
- **Angle of view**: 25.7°
- **Focal length (35mm format equivalent)**: f=23mm (18mm)
- **Lens configuration**: 15 elements in 12 groups (includes 2 aspherical, 3 ED and 1 super ED elements)
- **Diameter x Length**: ø72mm × 103mm
- **Weight**: 845g
- **Filter size**: ø82mm

#### GF250mmF4 R LM OIS WR
- **Max. magnification**: 0.22x
- **Focus range**: 1.4m - ∞
- **Step size**: 1/3EV (19 steps)
- **Number of blades**: 9 (rounded diaphragm opening)
- **Min. aperture**: F32
- **Max. aperture**: F4
- **Angle of view**: 99.9°
- **Focal length (35mm format equivalent)**: f=250mm (198mm)
- **Lens configuration**: 16 elements in 10 groups (includes 2 ED and 1 super ED elements)
- **Diameter x Length**: ø108mm × 203.5mm
- **Weight**: 1,425g
- **Filter size**: ø82mm

#### GF30mmF3.5 R WR
- **Max. magnification**: 0.15x
- **Focus range**: 32cm - ∞
- **Step size**: 1/3EV (19 steps)
- **Number of blades**: 9 (rounded diaphragm opening)
- **Min. aperture**: F32
- **Max. aperture**: F3.5
- **Angle of view**: 84.7°
- **Focal length (35mm format equivalent)**: f=30mm (24mm)
- **Lens configuration**: 13 elements in 10 groups (includes 1 aspherical and 2 ED elements)
- **Diameter x Length**: ø58mm × 84mm
- **Weight**: 490g
- **Filter size**: ø62mm

#### GF32-64mmF4 R LM WR
- **Max. magnification**: 0.14x
- **Focus range**: 0.5m - ∞
- **Step size**: 1/3EV (19 steps)
- **Number of blades**: 9 (rounded diaphragm opening)
- **Min. aperture**: F32
- **Max. aperture**: F4 F4
- **Angle of view**: 81° - 46.3°
- **Focal length (35mm format equivalent)**: f=32-64mm (25-51mm)
- **Lens configuration**: 14 elements in 11 groups (includes 3 aspherical, 1 ED and 1 super ED elements)
- **Diameter x Length**: ø92.6mm × 116mm (Wide); ø84mm × 99.4mm (Telephoto)
- **Weight**: 875g
- **Filter size**: ø77mm

#### GF32-64mmF4 R LM OIS WR
- **Max. magnification**: 0.13x
- **Focus range**: 0.65m - ∞
- **Step size**: 1/3EV (22 steps)
- **Number of blades**: 9 (rounded diaphragm opening)
- **Min. aperture**: F32
- **Max. aperture**: F2.8
- **Angle of view**: 81° - 46.3°
- **Focal length (35mm format equivalent)**: f=32-64mm (25-51mm)
- **Lens configuration**: 11 elements in 8 groups (includes 1 aspherical element)
- **Diameter x Length**: ø84mm × 71mm
- **Weight**: 335g
- **Filter size**: ø62mm

#### GF45mmF2.8 R WR
- **Max. magnification**: 0.16x
- **Focus range**: 0.9m - ∞
- **Step size**: 1/3EV (22 steps)
- **Number of blades**: 9 (rounded diaphragm opening)
- **Min. aperture**: F22
- **Max. aperture**: F2
- **Angle of view**: 62.9°
- **Focal length (35mm format equivalent)**: f=45mm (36mm)
- **Lens configuration**: 10 elements in 8 groups (includes 1 ED element)
- **Diameter x Length**: ø93mm × 144.5mm (Wide); ø84mm × 48mm (Telephoto)
- **Weight**: 174.5mm (Telephoto); 46.9mm (Wide)
- **Filter size**: ø82mm

#### GF45-100mmF4 R LM OIS WR
- **Max. magnification**: 0.55x
- **Focus range**: 0.13x - 0.65m
- **Step size**: 1/3EV (19 steps)
- **Number of blades**: 9 (rounded diaphragm opening)
- **Min. aperture**: F32
- **Max. aperture**: F3.5
- **Angle of view**: 62.6° - 30.6°
- **Focal length (35mm format equivalent)**: f=45-100mm (36-79mm)
- **Lens configuration**: 16 elements in 12 groups (includes 3 aspherical, 1 ED and 1 super ED elements)
- **Diameter x Length**: ø93mm × 144.5mm (Wide); ø84mm × 71mm (Telephoto)
- **Weight**: 1050g
- **Filter size**: ø67mm

#### GF100-200mmF5.6 R LM OIS WR
- **Max. magnification**: 0.2x
- **Focus range**: 0.82m - ∞
- **Step size**: 1/3EV (16 steps)
- **Number of blades**: 9 (rounded diaphragm opening)
- **Min. aperture**: F32
- **Max. aperture**: F5.6
- **Angle of view**: 27.9°
- **Focal length (35mm format equivalent)**: f=100-200mm (79-158mm)
- **Lens configuration**: 20 elements in 13 groups (includes 1 aspherical element)
- **Diameter x Length**: ø92.6mm × 116mm (Wide); ø82x26.7mm (Telephoto)
- **Weight**: 1010g
- **Filter size**: ø77mm

#### GF110mmF2 R LM WR
- **Max. magnification**: 0.17x
- **Focus range**: 0.9m - ∞
- **Step size**: 1/3EV (22 steps)
- **Number of blades**: 9 (rounded diaphragm opening)
- **Min. aperture**: F22
- **Max. aperture**: F2
- **Angle of view**: 27.9°
- **Focal length (35mm format equivalent)**: f=110mm (87mm)
- **Lens configuration**: 14 elements in 9 groups (includes 4 ED elements)
- **Diameter x Length**: ø74mm × 125.5mm
- **Weight**: 500g
- **Filter size**: ø74mm

#### GF1.4X TC WR
- **Max. magnification**: 1.4x
- **Focus range**: 0.17x - 0.9m
- **Step size**: 1/3EV (22 steps)
- **Number of blades**: 9 (rounded diaphragm opening)
- **Min. aperture**: F22
- **Max. aperture**: F2
- **Angle of view**: 27.9°
- **Focal length (35mm format equivalent)**: f=110mm (87mm)
- **Lens configuration**: 7 elements 3 groups
- **Diameter x Length**: ø74mm × 125.5mm
- **Weight**: 500g
- **Filter size**: ø67mm

#### GF50mmF3.5 R LM WR
- **Max. magnification**: 0.5x
- **Focus range**: 45cm - ∞
- **Step size**: 1/3EV (20 steps)
- **Number of blades**: 9 (rounded diaphragm opening)
- **Min. aperture**: F32
- **Max. aperture**: F3.5
- **Angle of view**: 84.7°
- **Focal length (35mm format equivalent)**: f=50mm (40mm)
- **Lens configuration**: 9 elements in 6 groups (includes 1 aspherical element)
- **Diameter x Length**: ø77mm × 144.5mm (Wide); ø84mm × 48mm (Telephoto)
- **Weight**: 465g
- **Filter size**: ø62mm

#### GF63mmF2.8 R LM WR
- **Max. magnification**: 0.2x
- **Focus range**: 0.5m - ∞
- **Step size**: 1/3EV (19 steps)
- **Number of blades**: 9 (rounded diaphragm opening)
- **Min. aperture**: F32
- **Max. aperture**: F4 F4
- **Angle of view**: 62.6° - 30.6°
- **Focal length (35mm format equivalent)**: f=63mm (50mm)
- **Lens configuration**: 10 elements in 8 groups (includes 1 ED element)
- **Diameter x Length**: ø82mm × 48mm
- **Weight**: 415g
- **Filter size**: ø77mm

#### GF120mmF4 R LM OIS WR Macro
- **Max. magnification**: 1.4x
- **Focus range**: 0.6m - ∞
- **Step size**: 1/3EV (16 steps)
- **Number of blades**: 9 (rounded diaphragm opening)
- **Min. aperture**: F32
- **Max. aperture**: F4
- **Angle of view**: 62.6° - 30.6°
- **Focal length (35mm format equivalent)**: f=100-200mm (79-158mm)
- **Lens configuration**: 1 additional stop
- **Diameter x Length**: ø67mm × 144.5mm (Wide); ø67mm × 103mm (Telephoto)
- **Weight**: 1,005g
- **Filter size**: ø67mm

#### GF1.4X TC WR
- **Max. magnification**: 1.4x
- **Focus range**: 0.17x - 0.9m
- **Step size**: 1/3EV (22 steps)
- **Number of blades**: 9 (rounded diaphragm opening)
- **Min. aperture**: F22
- **Max. aperture**: F2
- **Angle of view**: 27.9°
- **Focal length (35mm format equivalent)**: f=110mm (87mm)
- **Lens configuration**: 7 elements 3 groups
- **Diameter x Length**: ø74mm × 125.5mm
- **Weight**: 500g
- **Filter size**: ø67mm
**SYSTEM CHART**

- Remote Release
- Clip-on Flash
- Stereo Microphone
- SD Card
- Cable Protector
- Battery Adaptor
- Battery Charger
- Interchangeable Lens
- Teleconverter
- Macro Extension Tube
- Mosaic Adapter
- View Camera Adapter
- EVF Tilt Adapter
- Eye Cup
- Hot Shoe Cover
- Vertical Battery Grip
- Shoulder Strap

**WORKFLOW**

**Workflow software** By installing compatible software on your computer, it is possible to build an all-in-one workflow for things like “tethered shooting / checking the image / RAW development preview / RAW development”. In addition to FUJIFILM’s own software, you can use software that you are already familiar with. You can carry out tethered shooting by connecting the GFX via USB cable or Wi-Fi connection through wireless LAN access point. Also, RAW files can be developed based on Film Simulation settings.

**Compatible software**

- **Capture One Pro**
  - FUJIFILM Tether Shooting Plug-in PRO
  - Adobe® Photoshop® Lightroom® Classic CC
  - FUJIFILM X Acquire
  - RAW FILE CONVERTER EX 3.0 powered by SILKYPIX

*Available as free download from the FUJIFILM website.

**Capture One Express FUJIFILM**

This software supports RAW conversion for files from the GFX and X Series range of cameras*. The software uses a unique cataloging format to manage pictures, enabling fast processing of individual images regardless of the quantity or size. FUJIFILM’s unique Film Simulation modes can be applied during RAW conversion so that you can add an artistic flair or traditional film look and feel. This RAW conversion software is available as a free download from Capture One website.

* Available as free download from the Capture One website.

**FUJIFILM X RAW STUDIO**

This is unique RAW development software from FUJIFILM. By connecting a computer installed with X RAW STUDIO and camera via USB cable, the processor in the camera can be used to process RAW files. Processing time will not be affected by any limitations of your computer, and there is no difficulty in batch processing large number of images. Since it offers an optimized environment for the GFX 50S / 50R, you can get complete image quality includes tone, color reproduction, and Film Simulations.

* Available as free download from the FUJIFILM website.
Photography functions include aperture, shutter speed, ISO sensitivity, bracketing, automatic scene recognition, flash mode, white balance, auto bracketing, metering, focusing, histogram, metering, and image review.

In terms of video, the camera supports [Full HD] approximately 70 minutes, HDMI output, instax printer print, and movie recording.

Handling features include a vertical battery grip, flash connector, and various connectors and terminals.

The camera's main dimensions are 43.8mm x 32.9mm, and it weighs approximately 690g / 24.3oz. (excluding accessories, battery, and memory card).