

**Number Of Effective Pixels :** 51.4 million pixels

**Image Sensor :** 43.8mmx32.9mm 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

**File Format (Still) :** JPEG: Exif Ver.2.3, RAW: 14bit RAW RAF original format, RAW+JPEG, TIFF 8bit RGB (In-camera Raw Conversion Only)

**Number Of Recorded Pixels :**

L: [4:3] 8256x6192 [3:2] 8256x5504 [16:9] 8256x4640 [1:1] 6192x6192 [65:24] 8256x3048 [5:4] 7744x6192 [7:6] 7232x6192

S: [4:3] 4000x3000 [3:2] 4000x2664 [16:9] 4000x2248 [1:1] 2992x2992 [65:24] 4000x1480 [5:4] 3744x3000 [7:6] 3504x3000

**Lens Mount :** FUJIFILM G Mount

**Sensitivity Standard Output:** AUTO1/ AUTO2/ AUTO3 (up to ISO12800)/ ISO100~12800 (1/ 3 step)

**Sensitivity 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 :** 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

**Image Stabilizer Compensation Effect :** Up to 6.5 stops (based on CIPA standard). Pitch/yaw shake only.

**Image Stabilizer Digital Image Stabilization :** Yes movie mode only

**Image Stabilizer Is Mode Boost :** Yes movie mode only

**Shutter Type :** Focal Plane Shutter

**Shutter Speed Mechanical Shutter :** P mode: 4sec to 1/4000, A mode: 30sec to 1/4000, S/M mode: 60min to 1/4000, Bulb mode: up to 60min,

**Shutter Speed Electronic Shutter :** P mode: 4sec to 1/16000 A mode: 30sec to 1/16000, S/M mode: 60min to 1/16000, Bulb mode: up to 60min

**Shutter Speed Electronic Front Curtain :** P mode: 4sec to 1/4000 A mode: 30sec to 1/4000 S/M mode: 60min to 1/4000 Bulb mode: up to 60min

**Shutter Shutter Speed Mechanical + Electronic Shutter :** P mode: 4sec to 1/16000, A mode: 30sec to 1/16000, S/M mode: 60min to 1/16000, Bulb mode: up to 60min.

**Shutter Speed E-Front + Mechanical Shutter :** P mode: 4sec to 1/16000, A mode: 30sec to 1/16000, S/M mode: 60min to 1/16000, Bulb mode: up to 60min

**Shutter Speed E-Front + Mechanical + Electronic Shutter :** P mode: 4sec to 1/16000, A mode: 30sec to 1/16000, S/M mode: 60min to 1/16000, Bulb mode: up to 60min

**Shutter Speed Movie :** 1/4000to1/24(depends on the frame rate)

**Synchronized Shutter Speed For Flash :** 1/125sec. or slower

**Continuous Shooting :**

Approx. 3.0fps (JPEG: Endless, Compressed RAW: 31 Frames, Lossless compressed RAW: 13

Frames, Uncompressed RAW: 8 Frames)

Approx. 1.8fps (JPEG: Endless Lossless Compression RAW: Endless Uncompressed RAW: 8 Frames)

**AE Bracketing :**

AE Bracketing ((2/3/5/7/9 frames)  $\pm 1/3$ EV -  $\pm 3$ EV,  $1/3$ EV step)

Film Simulation 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,  $\pm 1$ EV)

White Balance Bracketing ( $\pm 1$ ,  $\pm 2$ ,  $\pm 3$ )

Focus Bracketing (AUTO, MANUAL)

**Focus Mode :** Single AF/ Continuous AF/ MF

**Focus Type :** TTL Contrast AF

**Focus Low-Light Performance :** Contrast: -3.5EV with Low light priority AF-S ON and GF80mmF1.7 attached

**AF Frame Selection :**

Single Point AF: EVF/ LCD: 13 $\times$ 9/ 25 $\times$ 17 (Changeable Size of AF Frame Among 6 Types)

Zone AF: 3 $\times$ 3/ 5 $\times$ 5/ 7 $\times$ 7 from 117 Areas on 13 $\times$ 9 Grid

Wide/Tracking AF: (Up to 9 Area) \*AF-S: Wide \*AF-C: Tracking

All

**White Balance :** Auto (WHITE PRIORITY, AUTO, AMBIENCE PRIORITY)/ Custom1-3/ Color temperature selection (2500K-10000K)/ Daylight, Shade, Fluorescent light 1, Fluorescent light 2, Fluorescent light 3, Incandescent light, Underwater

**Self-Timer :** 10sec./ 2sec.

**Interval Timer Shooting :** Yes (Setting : Interval, Number of shots, Starting time, Interval timer shooting exposure smoothing)

**Flash Sync Mode :** 1st Curtain/ 2nd Curtain/ AUTO FP (HSS)

**Flash Mode :** TTL(FLASH AUTO / STANDARD / SLOW SYNC.) / MANUAL / OFF

**Hot Shoe :** Yes (Dedicated TTL Flash compatible)

**Viewfinder EVF :**

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 $\sim$ +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 (Approx. 100% Coverage), , Aspect Ratio 4:3, Approx. 2.36 million dots

**Touch Screen Shooting Mode :** AF, Focus Area, OFF, Double Tap Setting (ON/OFF), Touch Function Setting (ON/OFF), EVF Touch Screen Area Setting

**Touch Screen Playback Mode :** Swipe, Zoom, Pinch-in / Pinch-out, Double-tap, Drag (ON/OFF)

Selectable)

**Sub LCD Monitor :** Swipe, Zoom, Pinch-in / Pinch-out, Double-tap, Drag (ON/OFF Selectable)

**Sub Monitor File Format (Movie) :** MPEG-4 AVC/H.264, Linear PCM (Stereo sound 24bit / 48KHz sampling)

**Movie Compression :** Long GOP

**File Size / Frame Rate / Recording Time :** Full HD (1920×1080) 29.97p/ 25p/ 24p/ 23.98p  
50Mbps up to Approx. 120 min.

· **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

**Clarity Setting :** ±5 steps

**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 :** AUTO / 100% / 200% / 400%

**Dynamic Range Setting (Movie) :** 100% / 200% / 400%

**Wireless Transmitter Standard :** IEEE 802.11b/g/n (standard wireless protocol)

**Wireless Transmitter Encryption :** WEP/ WPA/ WPA2 mixed mode

**Wireless Transmitter Access Mode :** Infrastructure

**Bluetooth Standard :** Bluetooth Ver 4.2 (Bluetooth low energy)

**Terminal - Digital Interface :** USB Type-C (USB3.2 Gen1x1)

**Terminal - HDMI Output :** HDMI Micro connector (Type D)

**Terminal - Others :**

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)

**Battery Life For Still Images :** Approx. 455 frames When GF63mmF2.8 R WR is set. (Auto power save ON)

**Actual Battery Life For Movie Capture :** [Full HD] Approx. 80min. Face detection is OFF

**Continuance Battery Life For Movie Capture :** [Full HD] Approx. 140min @ 29.97p. Face detection set to OFF

**Camera External Dimensions :** (W) 150.0mm x (H) 104.2mm x (D) 87.2mm, Minimum Depth: 44.0mm

**Weight :** 900g (Approx.) (including battery and memory card), 821g (Approx.) (excluding battery and memory card)