

DMC-GX1

Micro System Digital Camera

High Image Quality with 16.0 - megapixel Live MOS Sensor and Venus Engine

Advanced AF System with High Speed, High Accuracy and Touch Operation

Easy Manual Control with a Variety of Shooting Assist Functions

Finest Tuning in Every Part of the Camera

1920 x 1080 Full-HD High Quality Video Recording

Outstanding Performance in Power, Speed and Image Processing

LUMIX G Micro System - Interchangeable Lens Digital Camera

LUMIX G Micro System Camera GX1 - Superb Image Quality and Performance Combined with a Premium Design



Price*: **757.99 GBP**

*Panasonic Online Shop Price

TYPE

Type	Digital interchangeable lens system camera
Recording media	SD memory card, SDHC memory card, SDXC memory card (Compatible with UHS-I standard SDHC/SDXC memory cards)
Image sensor size	17.3 x 13.0 mm (in 4:3 aspect ratio)
Lens Mount	Micro Four Thirds mount

IMAGE SENSOR

Type	Live MOS Sensor
Total pixels	16.68 Megapixels
Camera effective pixels	16.0 Megapixels
Colour filter	Primary colour filter
Dust reduction system	Supersonic wave filter

RECORDING SYSTEM

Recording file format	Still Image: JPEG(DCF, Exif 2.3), RAW, MPO (When attaching 3D lens in Micro Four Thirds standard) Motion Image: AVCHD (Audio format: Dolby Digital 2 ch) / MP4 (Audio format AAC 2ch)
Aspect ratio	4:3, 3:2, 16:9, 1:1
Image quality	RAW, RAW+Fine, RAW+Standard, Fine, Standard, MPO+Fine, MPO+Standard (with 3D lens in Micro Four Thirds System standard)

Color Space sRGB, Adobe RGB

File size(Pixels)

Still Image [4:3] 4592x3448(L) / 3232x2424(M) / 2272x1704(S) / 1824x1368(When attaching 3D lens in Micro Four Third System standard)
[3:2] 4576x3056(L) / 3232x2160(M) / 2272x1520(S) / 1824x1216(When attaching 3D lens in Micro Four Third System standard)
[16:9] 4576x2576(L) / 3232x1824(M) / 1920x1080(S) / 1824x1024(When attaching 3D lens in Micro Four Third System standard)
[1:1] 3424 x 3423 (L) / 2416 x 2416 (M) / 1712 x 1712 (S) / 1712x1712(When attaching 3D lens in Micro Four Third System standard)

Continuous recordable time (Motion images) AVCHD with picture quality set to [FSH]: Approx. 140 min with H-PS14042 / Approx. 130 min with H-FS014042 / Approx. 150 min with H-H014

Actual recordable time (Motion images) AVCHD with picture quality set to [FSH]: Approx. 70 min with H-PS14042 / Approx. 65 min with H-FS014042 / Approx. 75 min with H-H014

FOCUS

Type Contrast AF system

Focus mode AFS (Single) / AFF (Flexible) / AFC (Continuous) / MF

AF mode Face detection / AF Tracking / 23-area-focusing / 1-area-focusing/Pinpoint
Touch (1- area-focusing in Face detection / AF Tracking / Multi-area-focusing / 1-area-focusing / Pinpoint)

AF detective range EV 0 - 18 (ISO100 equivalent)

AF assist lamp YES

AF lock Set the Fn button in custom menu to AF/AE lock or Shutter button half-way pressed in AFS mode

Others Quick AF, Continuous AF (during motion image recording), AF+MF, Touch shutter, Touch MF Assist

EXPOSURE CONTROL

Light metering system 144-zone multi-pattern sensing system

Light metering mode Intelligent Multiple / Center Weighted / Spot

Metering range EV 0 - 18 (F2.0 lens, ISO100 equivalent)

Exposure mode Program AE, Aperture Priority AE, Shutter Priority AE, Manual, Auto

ISO sensitivity (Standard Output Sensitivity) Auto / Intelligent ISO / 160 / 200 / 400 / 800 / 1600 / 3200 / 6400 / 12800 (Changeable to 1/3 EV step)

Exposure compensation 1/3EV Step \pm 5EV

AE lock Set the Fn button in custom menu to AE lock

AE bracket 3,5,7 frame, in 1/3, 2/3 or 1 EV Step, \pm 3 EV

WHITE BALANCE

White balance Auto / Daylight / Cloudy / Shade / Incandescent / Flash / White Set 1, 2 / Color temperature setting

White balance adjustment Blue/amber bias, Magenta/green bias

Color temperature setting 2500-10000K in 100K

White balance bracket 3 exposures in blue/ amber axis or in magenta/ green axis

SHUTTER

Type	Focal-plane shutter
Shutter speed	Still Images: 1/4000 ~ 60 and Bulb (up to approx. 2 minutes) Motion image: 1/16000 ~ 1/30 (NTSC), 1/16000 ~ 1/25 (PAL)
Self timer	10sec, 3 images/ 2sec / 10sec
Remote control	Remote control with bulb function by DMW-RSL1 (Optional)

SCENE MODE

Still Image SCN mode	Portrait / Soft Skin / Scenery / Architecture / Sports / Peripheral Defocus / Flower / Food / Objects / Night Portrait / Night Scenery / Illuminations / Baby 1, 2 / Pet / Party / Sunset
Movie SCN mode	Portrait / Soft Skin / Scenery / Architecture / Sports / Flower / Food / Objects / Low-light / Party / Sunset (Activated by selecting Still Image SCN mode then pressing Movie Button. Still Image SCN modes without corresponding Movie SCN mode is recorded in mode suitable for the recording situation.)

CREATIVE CONTROL

Creative control	(Still image & Motion image) Expressive / Retro / High key / Low key / Sepia / High Dynamic / Toy effect / Miniature effect
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BURST SHOOTING

Burst speed	SH: 20 frames/sec, H: 4.2 frames/sec (When AFS mode), M: 3 frames/sec (with Live View), L: 2 frames/sec (with Live View)
Number of recordable images	9 images (when there are RAW files with the particular speed) Unlimited consecutive shooting (when there are no RAW files) (depending on memory card size, battery power, picture size, and compression)

BUILT-IN-FLASH

Type	TTL Built-in-Flash, GN7.6 equivalent (ISO 160 ·m), Built-in Pop-up
Flash Mode	Auto, Auto/Red-eye Reduction, Forced On, Forced On/Red-eye Reduction, Slow Sync., Slow Sync./Red-eye Reduction, Forced Off
Synchronization speed	Less than 1/160 second
Flash output adjustment	1/3EV Step ±2EV
Flash synchronization	1st Curtain Sync / 2nd Curtain Sync
Hot shoe	TTL Auto with FL220 / FL360 / FL500 (Optional)

ZOOM

Additional zoom operation	Touch Zoom (when use power zoom lenses*) *H-PS14042 lens and H-PS45175 lens
Digital zoom	2x, 4x

LCD MONITOR

LIVE VIEW functions	Guide Lines (3 patterns)
LIVE VIEW functions	Real-time Histogram
Type	TFT LCD with Touch panel

Monitor size	3.0inch / 3:2 Aspect / Wide-viewing angle
Pixels	460K dots
Filed of view	Approx. 100%
Monitor adjustment	Brightness (7 levels), Contrast and Saturation (7 levels), Red tint (7 levels), Blue tint (7 levels)

EXTRA TELE CONVERSION

Extra Tele Conversion	Still image: Max.2x (Not effective with L size recording. Magnification ratio depends on the recording pixels and aspect ratio.)
Extra Tele Conversion	Motion image: Max.4.8x (Magnification ratio depends on the recording quality and aspect ratio.)

LEVEL GAUGE

Level Gauge	Yes (Built-in 3 shaft accelerometer sensor)
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DIRECTION DETECTION FUNCTION

Direction Detection Function	Yes
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FUNCTION BUTTON

Fn1, Fn2, Fn3*, Fn4*(Touch icons on LCD monitor)	ONE PUSH AE /PREVIEW / LEVEL GAUGE / FOCUS AREA SET / PHOTO STYLE / ASPECT RATIO / PICTURE SIZE / QUALITY / METERING MODE / FLASH / FLASH ADJUST. / I.RESOLUTION / I.DYNAMIC / EX. TELE CONV. /
Fn1, Fn2, Fn3*, Fn4*(Touch icons on LCD monitor)	DIGITAL ZOOM / STABILIZER / SENSITIVITY / WHITE BALANCE / AF MODE /DRIVE MODE / MOTION PIC. SET / PICTURE MODE / HISTOGRAM / GUIDE LINE / REC AREA

CUSTOM MENU

C1, C2-1/2/3	Yes (Registering Personal Menu Settings)
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PLAYBACK

Playback mode	Normal playback, 30-thumbnail display, 12-thumbnail display, Calendar display, Zoomed playback (16x Max.), Slideshow (duration & effect is selectable), Playback Mode (Normal/Picture/Video/3D Play/Category/Favorite), Title Edit, Text Stamp, Video Divide, Resize, Cropping, Aspect Conversion, Rotate, Rotate Display, Favorite, Print set, Protect, Face Recognition Edit
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IMAGE PROTECTION / ERASE

Protection	Single / Multi, Single in Burst Group / Multi in Burst Group, Cancel
Erase	Single / Multi / All / Except Favorite

PRINT

Direct Print	PictBridge compatible(Print size, Layout, Date setting are selectable)
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INTERFACE

USB	USB 2.0 High Speed
HDMI	miniHDMI TypeC

Video: Auto / 1080i / 720p / 480p (576p in PAL system)

Audio: Linear PCM

Audio video output	Monaural Type, NTSC/PAL, NTSC only for North America *Check the website of the Panasonic sales company in your country or region for details on the products that are available in your market.
Remote	Remote socket
Microphone	Stereo, Wind-cut: Off / Auto Microphone level adjustable: Lv1 / Lv2 / Lv3 / Lv4
Speaker	Monaural

GENERAL

Power

Battery	Li-ion Battery Pack (7.2V, 1010mAh) (Included) Battery Charger
Battery life (CIPA standard)	Approx. 310 images with H-PS14042
Dimensions (W x H x D)	116.3 x 67.8 x 39.4 mm / 4.58 x 2.67 x 1.55 inch (excluding protrusions)
Weight	Approx. 318g / 11.22 oz (SD card, Battery, Body) Approx. 272g / 9.59 oz (Body only) Approx. 413g / 14.59 oz (SD card, Battery, H-PS14042 lens included)

Operating Environment

Operating temperature	0 to 40 (32°F to 104°F)
Operating humidity	10% RH to 80% RH

Standard Accessories

Software	PHOTOfunSTUDIO 7.0 HD Edition SILKYPIX® Developer Studio 3.1 SE LoiLoScope (trial version) USB Driver
Standard accessories	Battery Charger, Body Cap, Lens Cap, Lens Rear Cap USB Connection Cable, Shoulder Strap, CD-ROM

INTERCHANGEABLE LENS-1

Nano Surface Coating	Yes
Aperture range	F3.5(Wide) - F5.6(TELE)
Lens Name	LUMIX G X VARIO PZ 14-42mm/F3.5-5.6 ASPH/POWER O.I.S
Lens Construction	9 elements in 8 groups (4 aspherical lenses , 2 ED lens)
Mount	Micro Four Thirds mount
Optical Image Stabilizer	YES (POWER OIS)
Focal Length	f=14-42mm (35mm camera equivalent 28-84mm)
Aperture Type	7 diaphragm blades / Circular aperture diaphragm
Minimum Aperture	F22
Closest Focusing Distance	0.2m / 0.66ft (14-20mm), 0.3m / 0.98ft (21-42mm)
Maximum magnification	Approx. 0.17x / 0.34x (35mm camera equivalent)

Diagonal Angle of View 75°(Wide) to 29°(TELE)

General

Others Electric zoom lever, Manual focus lever

Filter Size ϕ 37mm / 1.5in

Max. Diameter ϕ 61mm / 2.4in

Overall Length Approx. 26.8mm / 1.1in (When the lens is retracted.)

Weight [g] Approx. 95g (excluding lens cap and lens rear cap)

Weight [oz] Approx. 3.4oz (excluding lens cap and lens rear cap)

Standard Accessories Lens cap, Lens rear cap, Lens storage bag

NOTE * Use a card with SD Speed Class with "Class4" or higher
