

DMC-G1 Specifications

-K(Black), -A(Blue), -R(Red) *Varies depending on the sales area.

TYPE	Type	Digital interchangeable lens system camera
	Recording media	SD memory card, SDHC memory card, Multimedia card
	Image sensor size	17.3 x 13.0 mm
	Mount	Micro Four Thirds mount
IMAGE SENSOR	Type	Live MOS Sensor
	Total pixels	13.1 Megapixels
	Camera effective pixels	12.1 Megapixels
	Aspect ratio	4:3 (Horizontal : Vertical)
	Color filter	Primary color filter
	Dust reduction system	Supersonic wave filter
RECORDING SYSTEM	Recording file format	JPEG(Design rule for Camera File System, based on Exif 2.21 standard), RAW, DPOF corresponding
	Aspect ratio	4:3, 3:2, 16:9
	File size	4:3 Aspect Ratio: 4000 x 3000 pixels, 2816 x 2112 pixels, 2048 x 1536 pixels
		3:2 Aspect Ratio: 4000 x 2672 pixels, 2816 x 1880 pixels, 2048 x 1360 pixels
		16:9 Aspect Ratio: 4000 x 2248 pixels, 2816 x 1584 pixels, 1920 x 1080 pixels
	Image quality	RAW, RAW+Fine, RAW+Standard, Fine, Standard
Color space	sRGB, Adobe RGB	
VIEWFINDER	Type	Live View Finder (1,440,000 dots equivalent)
	Field of view	Approx. 100%
	Magnification	Approx. 1.4x / 0.7x (35mm film camera equivalent) with 50mm lens at infinity; -1.0 m ⁻¹
	Eye point	Approx. 17.5mm
	Diopter adjustment	-4.0 ~ +4.0 [m ⁻¹]
AUTO FOCUS	Type	Contrast AF system
	Focusing mode	AFs/AFc/MF
	AF mode	Face detection / AF Tracking / 23-area-focusing / 1-area-focusing
	AF detective range	EV 0-18 (ISO100)
	AF assist lamp	YES
	AF lock	AF/AE LOCK button or Shutter button halfway pressed in AFs mode
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, ISO 100)
	Exposure mode	Program AE, Aperture Priority AE, Shutter Priority AE, Manual
	ISO sensitivity	Auto / 100 / 200 / 400 / 800 / 1600 / 3200 / Intelligent ISO
	Exposure compensation	1/3EV Step ±3EV
	AE lock	AF/AE LOCK button or Shutter button halfway pressed
	AE bracket	3,5,7 frame, in 1/3 or 2/3 EV Step, ±2 EV
WHITE BALANCE	White balance	Auto / Daylight / Cloudy / Shade / Halogen / 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 SYSTEM	Type	Focal-plane shutter
	Shutter speed	1/4000 ~ 60 and Bulb (up to approx. 4minutes)
	Self timer	2sec / 10sec / 10sec, 3 images
	Remote control	Remote control with bulb function by DMW-RSL1 (Optional)
SCENE MODE	Advanced SCN mode	Portrait (Normal/Soft Skin/Outdoor/Indoor/Creative) / Scenery (Normal/Nature/Architecture/Creative) / Sports (Normal/Outdoor/Indoor/Creative) / Close-up (Flower/Food/Objects/Creative) / Night Portrait (Night Portrait/Night Scenery/Illuminations/Creative)
	SCN mode	Sunset / Party / Baby 1,2 / Pet
BURST SHOOTING	Burst speed	3 frames/sec (High speed) or 2 frames/sec (Low speed)
	Number of recordable	7 pictures (when there are RAW file with the particular speed) Unlimited consecutive shooting (when there are no RAW file) (depending on memory card size, battery power, picture size, and compression)
BUILT-IN-FLASH	Type	TTL Built-in-Flash, GN11equivalent (ISO 100 · m), Built-in Pop-up
	Built-in flash	Auto, Auto/Red-eye Reduction, Forced On, Forced On/Red-eye Reduction, Slow Sync., Slow Sync./Red-eye Reduction, Forced Off
	X-Sync 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 FL360/FL500/FL220 (Optional)
LCD MONITOR	Type	Low temperature Polycrystalline TFT LCD
	Monitor size	Free-angle 3.0inch / 3:2 Aspect / Wide viewing angle
	Pixels	460K dots
	Field of view	Approx. 100%
LIVE VIEW	Digital zoom	2x, 4x
	Extra optical zoom	Max.2x (Not effective with full pixel recording. Magnification ratio depends on the recording pixels.)
	Other functions	Highlight Display
		Guide Lines (3 patterns)
FILM MODE	Color	Standard / Dynamic / Nature / Smooth / Nostalgic / Vibrant
	Black and white	Standard / Dynamic / Smooth
	Others	My Film1 / My Film2 / Multi Film
PLAYBACK	Playback mode	Single / 12, 30-thumbnail display, Calendar display, Zoomed playback (16x max.), /image rotation (except for RAW) Slide show (duration is adjustable, also manual controllable), Playback of favorite pictures/ Resizing (selectable number of pixels) Trimming / Protection / Aspect conversion / DPOF print setting
PROTECTION / ERASE	Protection	Single / Multi or Cancel
	Erase	Single / Multi / All / Except FAVORITE
DIRECT PRINT	Print	PictBridge(Print size, Layout, Date setting is selectable)
INTERFACE	Digital	USB 2.0 High Speed
	Digital video	MiniHDMI TypeC (1.3b corresponding)
	Analog video	NTSC/PAL Composite (Switched by menu) *Check the website of the Panasonic sales company in your country or region for details on the products that are available in your market.

OSD LANGUAGE	OSD language	English, German, French, Italian, Spanish, Polish, Czech, Hungarian, Russian, Chinese (Traditional), Chinese (Simplified), Dutch, Thai, Korean, Turkish, Portuguese, Arabic, Persian, Japanese, Finnish, Danish, Swedish
POWER	Battery	Li-ion Battery Pack (7.2V, 1250mAh) (Included) Battery Charger/AC Adapter (Input: 110-240V AC) (Optional DC cable (DMW-DCC3) is required)
	Battery life	CIPA Standard : Approx. 330 images (LCD) LVF : Approx. 350 images with LUMIX G VARIO 14-45mm/F3.5-5.6 ASPH./MEGA O.I.S.
DIMENSIONS / WEIGHT	Dimensions (W x H x D)	124 x 83.6 x 45.2mm
	Weight	Approx. 385g (Body only)
OPERATING CONDITIONS	Operating temperature	0°C to 40°C
	Operating humidity	10% to 80%
STANDARD ACCESSORIES	Software	PHOTOfunSTUDIO -viewer- 2.1 E SILKYPIX® Developer Studio 3.0 SE USB Driver
	Standard accessories	Battery Charger/AC Adapter, Battery Pack, Body Cap, Video Cable, USB Connection Cable, AC Cable, Shoulder Strap, CD-ROM

*Shooting conditions: 23°C with 50% humidity; LCD on; using SD Memory Card; starting to shoot 30 seconds after turning on the power; shooting once every 30 seconds with the flash in full operation for every other shot; changing the zoom setting from telephoto to wide, or wide to telephoto, for each shot; and temporarily turning the power off after each 10 shots (long enough to lower the battery temperature).

The DMW-BLB13 comes with a function to check whether the battery and unit can be safely used together. •Batteries made by other companies which have been certified by Panasonic may be used with these units, but we offer no guarantee as to the quality, performance or safety of such batteries. •Exercise care when purchasing batteries. Many fake or imitation batteries have been found among those sold at unusually low prices and those which customers cannot check for themselves before purchasing. •Please confirm the latest information about batteries on the following website. <http://panasonic.co.jp/pavc/global/cs/info/battery.html> (This website is in English only.)

*Some accessories are not available in some countries.

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*This unit is compatible with both SD Memory cards and SDHC Memory cards. You can only use SDHC Memory cards on devices that are compatible with them. You cannot use SDHC Memory cards on devices that are only compatible with SD Memory cards. (When using a SDHC Memory card on another device, be sure to read the operating instructions for that device.)