DMC-G1 Specifications

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.17.5 mm
	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 (F3.5 lens, ISO 100)
	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. 4 minutes)
	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, GN11 equivalent (ISO100 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 FL220/FL360/FL500 (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	Guide Lines (3 patterns), Real-time Histogram
FILM MODE	Color	Standard / Dynamic / Nature / Smooth / Vibrant / Nostalgic
	Black and white	Standard / Dynamic / Smooth
	Others	My Film 1 / My Film 2 / Multi Film
PLAYBACK	Playback mode	Single / 12, 30-thumbnail display, Calendar display, Highlight 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, 1250 mAh) [Included] Battery Charger/AC Adaptor (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 45.2 mm
	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 accessory	Battery Charger/AC Adaptor, Battery Pack, Body Cap, Video Cable, USB Connection Cable, AC Cable, Shoulder Strap, CD-ROM

LUMIX G Lens Specifications

LUMIX G VARIO 14-45mm / F3.5-5.6 ASPH. / MEGA O.I.S.	
Lens Construction	12 elements in 9 groups (1 Aspherical lens)
Mount	Micro Four Thirds mount
Optical Image Stabilizer	YES
Focal Length	f=14 mm to 45 mm (35 mm film camera equivalent 28 mm to 90 mm)
Aperture Type	7 diaphragm blades / Circular aperture diaphragm
Aperture	F3.5 (Wide) - F5.6 (Tele)
Minimum Aperture	F22
Closest Focusing Distance	0.30 m at all focal lengths
Maximum magnification	Approx. 0.17x / 0.34x (35 mm film camera equivalent)
Diagonal Angle of View	75° (W)–27° (T)
Filter Size	Ø52 mm / 2.05 in
Max. Diameter	Ø60 mm / 2.36 in
Overall Length	Approx. 60mm / 2.36 in (from the tip of the lens to the base side of the lens mount)
Weight	Approx. 195 g / 6.88 oz
Standard Accessory	Lens Cap, Lens Hood, Lens Rear Cap, Lens Storage Bag

LUMIX G VARIO 45-200mm / F4.0-5.6 / MEGA O.I.S.	
Lens Construction	16 elements in 13 groups
Mount	Micro Four Thirds mount
Optical Image Stabilizer	YES
Focal Length	f=45 mm to 200 mm (35mm film camera equivalent 90 mm to 400 mm)
Aperture Type	7 diaphragm blades / Circular aperture diaphragm
Aperture	F4.0 (Wide) - F5.6 (Tele)
Minimum Aperture	F22
Closest Focusing Distance	1.0 m at all focal lengths
Maximum magnification	Approx. 0.19x / 0.38x (35 mm film camera equivalent)
Diagonal Angle of View	27° (W)–6.2° (T)
Filter Size	Ø52 mm / 2.05 in
Max. Diameter	Ø70 mm / 2.75 in
Overall Length	Approx. 100mm / 3.93 in (from the tip of the lens to the base side of the lens mount)
Weight	Approx. 380 g / 13.4 oz
Standard Accessory	Lens Cap, Lens Hood, Lens Rear Cap, Lens Storage Bag

http://panasonic.net/lumix

LOCAL DEALER

Panasonic
ideas for life

LUMIX G™
MICRO SYSTEM

Actual Size

G1

Ultra-Compact
Digital Interchangeable Lens Camera

G1

The LUMIX G1 is as easy to use as a compact digital camera,
with the stunning photo quality of a digital SLR camera.
It's a new-generation digital interchangeable lens camera that does away with
the mirror box and complies with the new Micro Four Thirds System standard.
It also features Full-time Live View for compact digital camera shooting ease,
and iA (Intelligent Auto) mode for beautiful photos with point-and-shoot simplicity.
The G1 is a camera you'll love from day one.
It's easy to take with you. It makes every day a new opportunity for discovery.
It lets you capture the emotion behind the moment.
It gives you the freedom to express yourself visually.
And most of all, it makes photography more fun than you've ever imagined.
The G1 will forever change the way you see the world around you,
and the role that photography plays in your life.

AWARDS
TIPA
BEST
DESIGN INNOVATION

photokina
world of imaging
Lumix DMC-G1
is awarded 2008 Photokina Star

STAR

LUMIX G VARIO 14-45mm/F3.5 - 5.6 ASPH./MEGA O.I.S. 1/250 sec, F5.4, ISO 100

Full-time Live View shows you - before you shoot - how the settings change the photo

The G1's Full-time Live View is revolutionary. It lets you see in the LCD how adjusting the exposure, white balance, aperture and even the shutter speed will affect the photo. This kind of super-easy live view shooting has never before been possible with a digital SLR camera.

Shutter speed effect
In Preview mode, you can even see how adjusting the shutter speed settings will affect the photo.

Aperture effect
In Preview mode, you can display a preview of the image to check the depth of field before you shoot.

Live View Finder – an electronic viewfinder complete with Full-time Live View

[LVF Live View Finder]

You've never looked into a viewfinder like this one. Developed by Panasonic for the G1, this high-performance electronic viewfinder boasts a Full-time Live View function that converts the optical viewfinder unit into a digital form. You experience a new level of shooting convenience through the high-performance viewfinder that is simply not possible with optical viewfinders of the past.

100% field of view with high resolution

The G1's Live View Finder has the large 1.4x (0.7x*) magnification and 100% field of view of the optical viewfinders on high-end digital SLR cameras. This, plus the 1,440,000-dot equivalent resolution, makes it easy to shoot the exact image the camera sees. *35 mm equivalent.

100% field of view

Eye Sensor: Live View Finder switches on when you look into it

When you look into viewfinder, a sensor automatically turns the Live View Finder on and the LCD off. You enjoy smoother, easier shooting without having to switch the setting of the display.
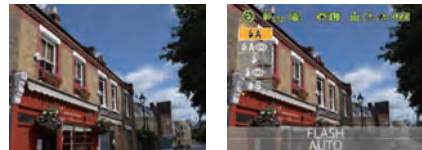
Freely customizable information display

Customize the camera to fit your preference by changing the display style or switching to a full-screen display. The G1 also features the Quick Menu that's popular on LUMIX compact digital cameras, so you can make a variety of settings without taking your eye from the Live View Finder.

LCD monitor style   Viewfinder style

Full-screen display   Quick menu display

3.0-inch free-angle LCD with high 460,000-dot resolution

The large 3.0-inch LCD rotates 180° horizontally and 270° vertically, making it easy for you to capture dynamic shots from extreme angles without getting into an awkward position. And when the lighting around you changes, the LCD backlighting level automatically changes too, so you get comfortable, easy-on-the-eyes viewing at all times.
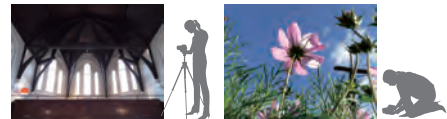
270°   180°

Shoot any way you want to shoot. High angle, low angle, side angle – it's easy with the G1.

High angle shots over a crowd

Shots around obstacles or barriers, where an ordinary viewfinder just won't work

Tripod shots without having to crouch

Low angle shots near ground level

iA mode can make all the right settings – automatically

If you've resisted buying a digital SLR camera because you think they're hard to use, your wait is over. Meet the G1, with iA (Intelligent Auto) mode. This mode activates six detection and compensation functions that work automatically, leaving you free to just aim and shoot. It's easier to get a beautiful shot anytime, anyplace.

INTELLIGENT AUTO TECHNOLOGY

Shake detection - MEGA O.I.S.

Gyrosensors built into the lens detect hand-shake and an O.I.S. shifts to compensate. Assisting you in getting those clear, beautiful, blur-free photos.

MEGA O.I.S. OFF   MEGA O.I.S. ON

Motion detection - Intelligent ISO Control

If the subject moves as you snap the shot, the camera automatically adjusts the ISO sensitivity and shutter speed to help prevent subject blur.
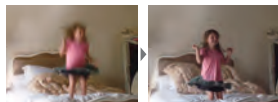
Normal ISO Auto   Intelligent ISO Control

Face detection - Face Detection AF/AE

The camera detects when there are faces in the frame and adjusts the focus and exposure to capture them properly. This allows you to shoot beautiful portraits without any hassle.

Face Detection AF/AE

Scene detection - Intelligent Scene Selector

The camera automatically selects whichever of five Scene modes – Portrait, Night Portrait, Scenery, Night Scenery, and Close-up – best suits the situation.

Digital Red-Eye Correction

The red-eye correction in the built-in flash and the camera's image processing circuit work together to reduce red-eye when you're using the flash to take shots of people.

Light detection - Intelligent Exposure

The camera can correct the brightness in parts of the image that are too dark due to insufficient lighting, backlighting or use of the flash.

Intelligent Exposure

Subject detection - AF Tracking

Once you've focused on a subject, AF Tracking keeps the subject in focus – even if it moves – until you press the shutter button.
* For use in iA mode, AF Tracking must be selected in advance.

Auto Backlight Compensation

When set to iA mode, the auto backlight compensation function activates whenever the camera detects that the light source is behind the subject. It gives you pictures with a wide dynamic range even in high contrast situations.

Contrast AF helps make Full-time Live View even more effective

The G1 not only gives you the advantages of Full-time Live View, it also adds contrast AF for even easier, more accurate focusing. These technologies make possible a variety of convenient functions - such as Face Detection AF and AF Tracking - that digital SLR cameras with phase difference AF systems cannot offer.

Versatile 1-area auto focus for finer focusing precision

When using 1-area AF mode, you can move the auto-focusing area in the frame. You can also change the size of focus area to Spot, Normal, L, or XL to fine-tune the focusing in complicated shooting compositions.

23 AF areas cover more of the frame

The auto focus system is keyed to 23 areas all around the frame, automatically assuring the optimal AF operation for any scene you're shooting.
*This is a simulated image. All 23 AF areas are not simultaneously displayed in fact.
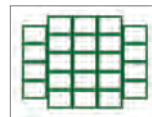
Quick AF: Focusing starts as soon as you aim the camera

The camera begins focusing the instant it determines you're in a shooting stance. This system focuses quicker than the usual method of pressing the shutter button halfway, so you're ready sooner to capture the moment.
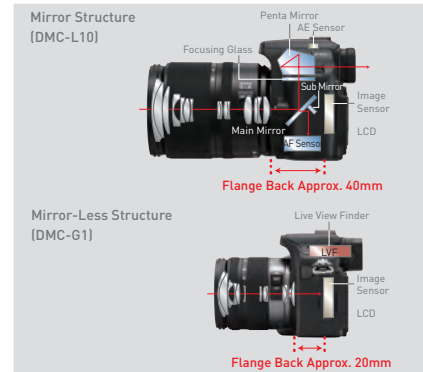
Micro Four Thirds: Exquisite Beauty in a Smaller Package

The open standard that led to the mirror-less body

The G1 adopts the Micro Four Thirds System standard, developed as an extended version of the Four Thirds System standard for digital camera systems. By adopting this standard and developing a camera body that eliminates the mirror box and optical viewfinder unit, Panasonic was able to shorten the flange-back distance* by about half (compared with a conventional Four Thirds camera) and reduce the lens mount diameter by about 6 mm. The result is a digital interchangeable lens camera that is simply revolutionary in terms of usability and mobility. Small enough for you to take anywhere yet sophisticated enough to take you as far into photography as you want to go.

Mirror Structure (DMC-L10)

Penta Mirror
AE Sensor
Focusing Glass
Sub Mirror
Image Sensor
Main Mirror
AF Sensor
LCD

Flange Back Approx. 40mm

Mirror-Less Structure (DMC-G1)

Live View Finder
LVF
Image Sensor
LCD

Flange Back Approx. 20mm

LUMIX G lenses: Superior portability, superior rendering

The newly developed LUMIX G lenses comply with the Micro Four Thirds System standard for interchangeable lenses. Characterized by their compact size and lightweight, both lenses bring out the full capabilities of the 4/3-type image sensor, and support the contrast AF function of the G1 and its long list of convenient functions. Both lenses also feature Panasonic's MEGA O.I.S. (optical image stabilizer), which makes it easy to shoot super clear shots even in low-light situations by suppressing the blur caused by hand-shake.

MEGA O.I.S. – Panasonic's advanced hand-shake correction technology

The LUMIX G lenses incorporate Panasonic's MEGA O.I.S., the advanced optical image stabilization system that has highly proven in LUMIX digital cameras. In the LUMIX G lenses, efficient stabilization elaborated by a special integrated LSI that processes output from the gyrosensors, which operate 4,000 times per second.

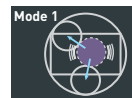### Three image stabilization modes to suit different needs

Mode 1

Image is continually corrected, so you can see the image clearly on the Live View finder or the LCD.
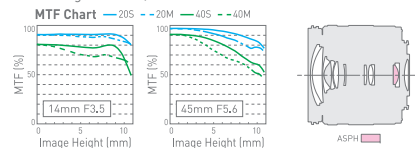
Mode 2

Correction occurs only when you press the shutter release button, providing a greater corrective effect.

Mode 3

Continually corrects for up/down camera movement; ideal for panning action shots.

LUMIX G VARIO 14-45mm/F3.5 - 5.6 ASPH./MEGA O.I.S.

From casual snapshots to personal portraits to sweeping landscapes, this versatile zoom lens provides beautiful results in a wide range of shooting situations. It covers the standard focal range of 28 to 90 mm (35 mm equivalent). The aspheric lens element also improves optical performance by minimizing distortion, even at the 28 mm wide end.
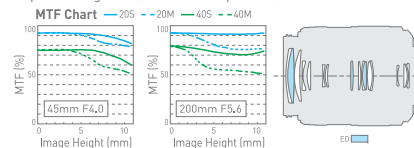
MTF Chart — 20S — 20M — 40S — 40M

MTF (%)
14mm F3.5
Image Height (mm)

MTF (%)
45mm F5.6
Image Height (mm)

ASPH

For the lenses distortion compensation available, the horizontal axis of MTF is the distance from the center, which is compensated accordingly.

LUMIX G VARIO 45-200mm/F4.0 - 5.6/MEGA O.I.S.

Covering from 90 to 400 mm (35 mm equivalent), this telephoto zoom lens lets you capture crisp, blur-free shots when shooting sports events and other distant subjects while achieving minimum aberration at all focal length, high-contrast representation and high color reproduction by implementing 3 ED (extra-low-dispersion) lens elements.

MTF Chart — 20S — 20M — 40S — 40M

MTF (%)
45mm F4.0
Image Height (mm)

MTF (%)
200mm F5.6
Image Height (mm)

ED

For the lenses distortion compensation available, the horizontal axis of MTF is the distance from the center, which is compensated accordingly.

Four Thirds adaptability – Multiplying photographic possibilities

The G1 can be fit with a mount adaptor DMW-MA1 (optional) that allows the use of a wide variety of high-performance Four Thirds lenses, including Leica D lenses. Naturally, the shooting functions of the G1 remain usable with the DMW-MA1 mounted.* Unleash your creative possibilities, for example, by using a single focus lens to capture images with a beautiful, softly focused background, and an ultra-powerful zoom to pull distant wildlife right up close.

*Lenses other than LUMIX G lenses cannot use the AF Tracking, AFc (Auto Focus Continuous) or Continuous AF functions. Also, when a lens that does not support the Contrast AF function is mounted, operation will automatically switch to manual focus. Confirm the operation information of compatible lenses at Customer support http://panasonic.jp/support/global/cs/dsc (English).

12.1-megapixel Live MOS sensor: Higher image quality, lower power consumption

The 4/3-type 12.1-megapixel Live MOS sensor featured in the G1 offers the best of both worlds – the superior image quality of a CCD sensor, and the lower power consumption of a CMOS sensor. New technology that makes it possible to read 4 channels of data simultaneously also helps the G1 deliver 60 frame-per-second Full-time Live View images, while faithfully reproducing high-resolution images with fine detail and rich gradation.

Venus Engine HD – Next-generation digital signal processing

Two CPUs give the Venus Engine HD exceptionally advanced processing capabilities. This sophisticated LSI features effective noise reduction even at high ISO sensitivity levels. The Venus Engine HD also reproduces delicate color nuances faithfully with independent gradation control for each of the R, G and B colors. Additionally, it supports the Live View function, resulting in the display of smooth images at 60 fps. HDMI output support is also a feature of the Venus Engine HD.

Dust reduction system protects the image sensor

If dust or other foreign matter gets inside the camera when you're changing lenses, it could cling to the image sensor and show up as a spot in photos. The G1 helps eliminate this possibility by placing a Supersonic Wave Filter in front of the Live MOS sensor. Vibrating around 50,000 times per second, the filter repels dust and other particles. This keeps the image sensor clean at all times and eliminates the need for cumbersome maintenance procedures.

## My Color mode puts you in control of the color

In My Color mode you can freely adjust the color, brightness and saturation parameters, while checking the Full-time Live View image to see how those adjustments affect the picture. This makes it easier and more fun to create interesting, expressive images. Adjust the settings that best suit the shooting conditions and your expressive intent, and then enjoy your own photography.
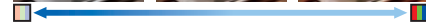
Color
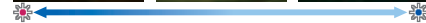
Brightness
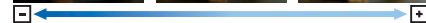
Saturation

Film mode – To capture photos with a special mood or expressiveness

Much like changing the film type in a film camera, you can enjoy a wide range of expression based on six color modes and three monochromatic modes. When the multi-film mode is selected, you can record pictures having up to three different effects with each press of the shutter button.

Standard Smooth Dynamic

Nostalgic Nature Vibrant

Standard B&W Dynamic B&W Smooth B&W

Exposure modes and Scene modes that fit a range of situations

The G1 starts with the common P/A/S/M exposure modes and adds a host more to give you easy shooting and beautiful results in a wide range of situations. These include an iA mode in which the camera makes all of the settings, a Custom mode that lets you register up to three sets of settings you use often, and Portrait, Scenery, Sports, Close-up, Night Portrait, SCN (Sunset/Party/Baby/Pet), and My Color modes.

Advanced Scene modes give you even more control

In Portrait, Scenery, Sports, Close-up, Night Portrait modes, you can fine-tune four or five of the settings to better match the shooting conditions. This makes it easier to capture the exact image you have in mind.

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

Designed for easy operation

A textured coating on the grip makes the G1 easy to hold and handle, and the grip's gentle curvature helps prevent hand fatigue even after extended use. The front dial on the top of the grip provides even smoother operation. By pressing the front dial, you can quickly set the shutter speed, aperture, and exposure compensation while holding the camera in shooting position.

1920 x 1080-pixel HD (high-definition) photo recording

The G1 shoots wide-screen, 16:9, full-HD images. These images are simply breathtaking when displayed on an HDTV, which handles about four times the data of a standard-definition TV. With G1, you can enjoy a whole new style of HDTV viewing with family and friends.

HD output-ready for the HDTV age

The G1 has an HDMI output terminal. When the G1 is connected to an HDMI-compatible TV via an HDMI mini cable (optional), the user can easily enjoy a slideshow of photos taken with the G1. When the G1 is connected to a VIERA TV that has VIERA Link capability, the TV's remote control unit can be used to run the slideshow.

• HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

Color selection: Unique in more ways than one

Advanced technologies and performance set the G1 apart from other cameras. Its choice of body colors does too. All models feature a textured coating and, in addition to authentic black, the G1 comes in attractive red and blue colors that add to the fun of owning this unique digital interchangeable lens camera. The G1 lets you bring a splash of color into your life while capturing spectacular images of the world around you.

LUMIX G VARIO 45-200mm/F4.0 - 5.6/MEGA O.I.S. 1/80 sec, F11.0, ISO 100

Optional accessories

External Flash			PL Filter	MC Protector	ND Filter
DMW-FL220	DMW-FL360	DMW-FL500	DMW-LPL52	DMW-LMC 52	DMW-LND 52

Mount Adaptor			Battery Pack	DC Cable	Soft Case	Soft Bag
DMW-MA1	DMW-MA2M* NEW	DMW-MA3R* NEW	DMW-BLB13	DMW-DCC3	DMW-CG1	DMW-BAG1
		*They will be available in summer 2009.				

Remote Shutter	Shoulder Strap (Stylish)	Shoulder Strap (Woven)	Shoulder Strap (Leather)	HDMI mini Cable	SD / SDHC Memory	
DMW-RSL1	DMW-SSTG1-K (Black) NEW DMW-SSTG1-A (Blue) DMW-SSTG1-C (Beige) DMW-SSTG1-R (Red)	DMW-SSTG2-W (White)	DMW-SSTG3-T (Brown)	RP-CDHM15 RP-CDHM30	**Pro High Speed** 32 GB*: RP-SDV32G 16 GB*: RP-SDV16G 8 GB*: RP-SDV08G 4 GB*: RP-SDV04G 2 GB*: RP-SDV02G	**High Speed** 12 GB*: RP-SDM12G 6 GB*: RP-SDM06G 4 GB*: RP-SDM04G 2 GB*: RP-SDM02G 1 GB*: RP-SDR01G

*1 GB = 1 billion bytes. Usable capacity will be less.

•Leica is a registered trademark of Leica Microsystems IR GmbH. •The battery pack, 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 (English) •Check the website of the Panasonic sales company in your country or region for details on the optional accessories that are available in your market.
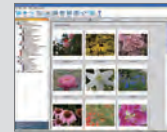
Included software

SILKYPIX® Developer Studio 3.0 SE

The G1 records original image data in RAW file format, which allows images to be developed according to your intention. A number of highly advanced functions can be applied to these RAW images by using the SILKYPIX® Developer Studio 3.0 SE software utility, with its unique combination of high resolution and extraordinary color separation performance.

SILKYPIX® Developer Studio 3.0 SE System Requirements

OS	Windows: Microsoft® Windows® Millenium Edition, Microsoft® Windows® 2000 Professional (Recommended), Microsoft® Windows® XP Home Edition (Recommended), Microsoft® Windows® XP Professional (Recommended), Microsoft® Windows® Vista Home Basic (Recommended), Microsoft® Windows® Vista Home Premium (Recommended), Microsoft® Windows® Vista Ultimate (Recommended), Microsoft® Windows® Vista Business (Recommended)* 64-bit OS is unsupported. Macintosh: Mac® OS X v10.3 or later recommended.
Display	Windows: XGA (1024 x 768) and Full-Color (24 bits) or more Macintosh: Display that supports a resolution of XGA (1024 x 768) or more. Display and video card capable of displaying 16-bit color or more.(24-bit color or more recommended)
RAM	Windows® XP / 2000 / Me: 512 MB or more (1 GB or more recommended) Windows® Vista: 1 GB or more. Microsoft 512 MB (1 GB or more recommended)
Free Hard Disk Space	100 MB or more free space (required for installation and activation). A large amount of free disk space is required depending on the development data or storage of images after development.

•Please confirm compatibility with Windows® Vista on the following website. http://www.isl.co.jp/SILKYPIX/english/p/support/index.html. •System administrator (Administrator) privileges are necessary when installing this software on Windows® 2000 or Windows® XP. •The personal computer must be connected to the Internet for user registration. •We have confirmed that this software is compatible with the Rosetta, but it does not support the Universal binary.

PHOTOfunSTUDIO –viewer- 2.1E

PHOTOfunSTUDIO -viewer - 2.1E gives you a single interface to easily manage your growing photo collection, and editing functions to enhance your images.

PHOTOfunSTUDIO –viewer- 2.1E System Requirements

OS	Microsoft® Windows® 2000 Professional, Microsoft® Windows® XP Home Edition, Microsoft® Windows® XP Professional, Microsoft® Windows® Vista Home Basic, Microsoft® Windows® Vista Home Premium, Microsoft® Windows® Vista Ultimate, Microsoft® Windows® Vista Business
Display	High Color (16 bit) or more Desktop resolution of 800 x 600 pixels or more (1024 x 768 or more recommended)
RAM	256 MB or more (512 MB or more for Windows® Vista)
Free Hard Disk Space	(For install) 200 MB or more; (For use) 200 MB or more

•Some function is limited with Windows® Vista.

Box Contents

DMC-G1K Lens Kit

Body, LUMIX G VARIO 14-45 mm / F3.5-5.6 ASPH. / MEGA O.I.S., Lens Hood, Lens Cap, Lens Storage Bag, Battery Pack, Battery Charger / AC Adaptor, Body Cap, Video Cable, USB Connection Cable, AC Cable, Shoulder Strap, CD-ROM

DMC-G1W Double Zoom Lens Kit

Body, LUMIX G VARIO 14-45 mm / F3.5-5.6 ASPH. / MEGA O.I.S., LUMIX G VARIO 45-200 mm / F4.0-5.6 / MEGA O.I.S., Lens Hood x2, Lens Cap x2, Lens Storage Bag x2, Battery Pack, Battery Charger/AC Adaptor, Body Cap, Video Cable, USB Connection Cable, AC Cable, Shoulder Strap, CD-ROM
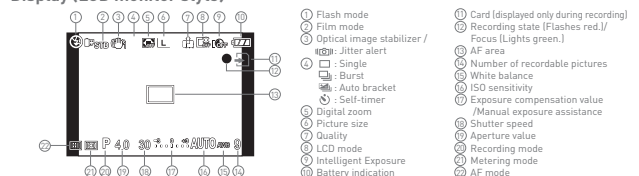
*Additional DC Cable (DMW-DCC3, optional) required to power camera using Battery Charger/AC Adapter.
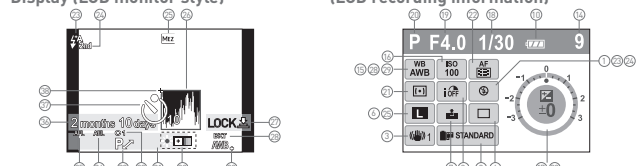
Main Parts and Controls

① Flash
② Sensor
③ Self-timer indicator / AF assist lamp
④ Lens release button
⑤ Lens lock pin
⑥ Mount

⑦ Lens fitting mark
⑧ Front dial
⑨ [LVF/LCD] button
⑩ Diopter adjustment dial
⑪ Viewfinder
⑫ Eye sensor

⑬ Playback button
⑭ [AF/AE LOCK] button
⑮ Camera ON/OFF switch
⑯ LCD monitor
⑰ [DISPLAY] button
⑱ Delete button / Preview button

⑲ [MENU/SET] button
⑳ Cursor buttons
　▲ / ISO
　◄ / AF mode
　▼ / Function button
　► / WB
㉑ Strap eyelet

㉒ [REMOTE] socket
㉓ [HDMI] socket
㉔ [DIGITAL / V.OUT] socket
㉕ Card door
㉖ DC cable cover
㉗ Focus distance reference mark

㉘ Focus mode dial
㉙ Flash open lever
㉚ Hot shoe
㉛ Mode dial
㉜ Status indicator
㉝ [Q.MENU] button

㉞ [FILM MODE] button
㉟ Shutter button
㊱ Drive mode lever
　Single
　Burst
　Auto bracket
　Self-timer

Display (LCD monitor style)

① Flash mode
② Film mode
③ Optical image stabilizer /
　: Jitter alert
④ □ : Single
　□ : Burst
　□ : Auto bracket
　○ : Self-timer
⑤ Digital zoom
⑥ Picture size
⑦ Quality
⑧ LCD mode
⑨ Intelligent Exposure
⑩ Battery indication

⑪ Card (displayed only during recording)
⑫ Recording state (Flashes red.)/
　Focus (Lights green.)
⑬ AF area
⑭ Number of recordable pictures
⑮ White balance
⑯ ISO sensitivity
⑰ Exposure compensation value
　/Manual exposure assistance
⑱ Shutter speed
⑲ Aperture value
⑳ Recording mode
㉑ Metering mode
㉒ AF mode

Display (LCD monitor style)

㉓ Flash output adjustment
㉔ 2nd curtain synchro
㉕ Extra optical zoom
㉖ Histogram
㉗ AF tracking operation
㉘ White balance bracket

㉙ White balance fine adjustment
㉚ My color mode
㉛ Current date and time/
　: Travel destination setting
㉜ Custom settings
㉝ Program shift

(LCD recording information)

① AE lock
② AF lock
③ Age
④ Self-timer
⑤ Spot metering target

Aspect ratio 4:3

	Picture size	L :4000 x 3000 pixels (12 million pixels)				M :2816 x 2112 pixels (5.9 million pixels)				S :2048 x 1536 pixels (3.1 million pixels)			
	Quality												
Card	1GB	160	320	47	55	320	640	55	60	600	1180	60	63
	2GB	330	650	96	110	650	1270	110	120	1220	2340	120	125
	4GB	650	1280	185	220	1290	2510	220	240	2410	4640	240	250
	6GB	990	1950	280	330	1970	3820	330	360	3660	7050	360	380
	8GB	1320	2610	380	450	2620	5110	450	490	4910	9440	490	510
	12GB	2000	3930	580	670	3980	7710	680	740	7400	14240	730	770
	16GB	2660	5250	770	900	5310	10290	900	990	9880	19000	980	1030
	32GB	5350	10540	1550	1810	10650	20650	1820	1980	19820	38120	1970	2070

Aspect ratio 3:2

	Picture size	L :4000 x 2672 pixels (10.7 million pixels)				M :2816 x 1880 pixels (5.3 million pixels)				S :2048 x 1360 pixels (2.8 million pixels)			
	Quality												
Card	1GB	180	360	53	62	360	710	62	68	680	1310	67	71
	2GB	370	730	105	125	730	1420	125	135	1360	2550	135	140
	4GB	730	1430	210	240	1450	2800	240	270	2680	5020	270	280
	6GB	1110	2180	320	370	2200	4260	370	410	4070	7640	410	430
	8GB	1480	2920	430	500	2950	5710	500	550	5450	10230	550	570
	12GB	2240	4400	650	760	4460	8610	760	830	8230	15430	830	870
	16GB	2990	5880	870	1010	5950	11490	1020	1110	10980	20590	1100	1160
	32GB	6000	11800	1750	2040	11940	23050	2040	2230	22020	41300	2220	2330

Aspect ratio 16:9

	Picture size	L :4000 x 2248 pixels (9 million pixels)				M :2816 x 1584 pixels (4.5 million pixels)				S :1920 x 1080 pixels (2.1 million pixels)				4:3	16:9
	Quality														
Card	1GB	210	430	62	73	430	850	73	80	900	1720	81	84	67	75	89
	2GB	430	860	125	145	870	1700	145	160	1800	3410	160	170	135	150	180
	4GB	860	1690	250	290	1720	3350	290	320	3540	6700	320	330	260	300	350
	6GB	1300	2580	380	440	2620	5090	440	480	5390	10190	490	510	400	450	540
	8GB	1750	3450	510	590	3500	6820	600	650	7220	13640	650	680	540	610	720
	12GB	2640	5210	770	900	5290	10280	900	980	10890	20580	990	1030	820	920	1090
	16GB	3520	6950	1030	1200	7050	13720	1200	1310	14530	27540	1330	1380	1090	1230	1450
	32GB	7070	13960	2060	2410	14160	27530	2420	2640	29150	55070	2650	2770	2190	2470	2920

•The number of recordable pictures is an approximation. (These vary depending on the recording conditions and the type of card.)
•The number of recordable pictures depends on the subjects. •In some cases, the number of recordable pictures displayed on the Live View Finder/LCD monitor may not decrease regularly. •The picture size for [EZ] is not displayed when [EX. OPT. ZOOM] is set to [OFF]. •If you set [EX. OPT. ZOOM] to [ON], [EZ] is displayed on the screen when the picture size is set to a size other than the maximum picture size for each aspect ratio.

G1 System Chart
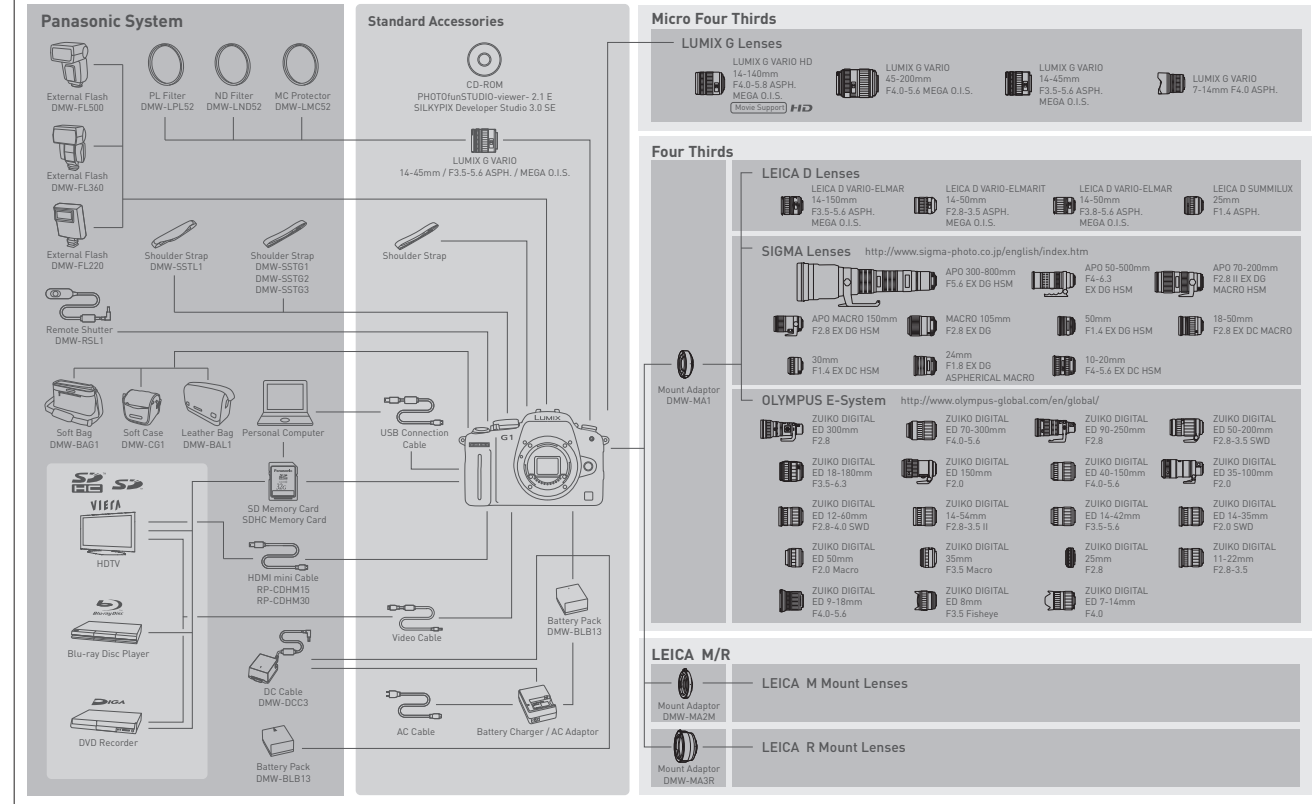
•Some functions of G1 cannot be used when mounting the Four Thirds lenses with the Mount Adaptor DMW-MA1, the LEICA M or R lenses with the Mount Adaptor DMW-MA2M or MA3R. •Leica is a registered trademark of Leica Microsystems IR GmbH. •When a lens that does not support the Contrast AF function is mounted, operation will automatically switch to manual focus. •Confirm the operation information of compatible lenses at Customer Support http://panasonic.jp/support/global/cs/dsc (English). •For detailed information about the lenses made by SIGMA, OLYMPUS and LEICA, please see each company's website. •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.jp/support/global/cs/info/battery.html (English). •The SDHC Memory Card can be used only if the SDHC logo is indicated on the equipment or in the operation manual. It cannot be used with equipment that supports only the SD Memory Card.