

2011 LUMIX® G SERIES

DMC-G2 DSL Micro

Four Thirds Digital Camera



ADVANCED 3.0" FREE-ANGLE TOUCH-CONTROL LCD

An intuitive way to capture high/low angle shots and control camera shutter settings with just a touch of your finger.

3D LENS COMPATIBLE

Captures breathtaking 3D images with the interchangeable LUMIX 3D lens.

LIGHTWEIGHT AND COMPACT MICRO BODY DESIGN

Easy to carry and use almost anywhere you go.

INTELLIGENT AUTO & INTELLIGENT RESOLUTION MODES

Turns you into a professional photographer by automatically picking the optimum picture settings.



- Twin Lens Option Allows High-quality Shooting in 3D
- Exclusive "Point-to-Shoot" Mirrorless Micro DSL Touch Display System
- Over 10 Interchangeable LUMIX Lens Options to Choose from
- Compatible with any Micro Four Thirds System Lenses
- 12.1 MP CMOS Resolution with Intelligent Resolution (iR) Feature
- High-Definition 720p Movie Recording (DVD Ready AVCHD Format)
- Mini HDMI Interface for HD TV Viewing
- Real Time Exposure Histogram Graphical Feedback
- Digital RAW File Compatibility
- Professional Grade 144-zone Multi-pattern Sensing Light Metering System
- High-speed Shutter Control 1/4000 – 60 and Bulb (~ 4 minutes)
- Low Light Sensitivity (6400 ISO)



At 3.3" tall by 4.9" wide, the G2 is more compact than standard DSLRs.



Panasonic
ideas for life

New-Generation System Cameras

LUMIX G
MICRO SYSTEM

2011 LUMIX® G SERIES

DMC-G2 DSL Micro Four Thirds Digital Camera

TYPE	
Type	Digital interchangeable lens system camera
Recording Media	SD memory card, SDHC memory card, SDXC memory card
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	13.1 Megapixels
Camera Effective Pixels	12.1 Megapixels
Color Filter	Primary color filter
Dust Reduction System	Supersonic wave filter
RECORDING SYSTEM	
Recording File Format	Still Image: JPEG (DCF, Exif 2.21), RAW, DPOF compatible Still Image with Audio: JPEG (DCF, Exif 2.21) + QuickTime Motion Image: QuickTime Motion JPEG
Aspect Ratio	4:3, 3:2, 16:9, 1:1
Image Quality	RAW, RAW+Fine, RAW+Standard, Fine, Standard
Color Space	sRGB, Adobe RGB
File Size (Pixels)	Still Image
	[4:3] 4000 x 3000 (L), 2816 x 2112 (M), 2048 x 1536 (S)
	[3:2] 4000 x 2672 (L), 2816 x 1880 (M), 2048 x 1360 (S)
	[16:9] 4000 x 2248 (L), 2816 x 1584 (M), 1920 x 1080 (S)
	[1:1] 2992 x 2992 (L), 2112 x 2112 (M), 1504 x 1504 (S)
Motion Image	Motion JPEG
	[4:3] VGA: 640 x 480, 30fps / QVGA: 320 x 240, 30fps
	[16:9] WVGA: 848 x 480, 30fps
	[HD] 1280 x 720, 30fps
	[HD] 1280 x 720, 60p (sensor output is 30fps) (SH: 17Mbps, H: 13Mbps, L: 9Mbps)
AVCHD Lite	NTSC
	[HD] 1280 x 720, 50p (sensor output is 25fps) (SH: 17Mbps, H: 13Mbps, L: 9Mbps)
PAL	[HD] 1280 x 720, 50p (sensor output is 25fps) (SH: 17Mbps, H: 13Mbps, L: 9Mbps)
Continuous Recordable Time (Motion Images)	AVCHD Lite with picture quality set to [SH]: Approx. 180 min with H-FS014042 / Approx. 160 min with H-FS045200 Motion JPEG with picture quality set to [HD]: Approx. 180 min with H-FS014042 / Approx. 160 min with H-FS045200
Actual Recordable Time (Motion Images)	AVCHD Lite with picture quality set to [SH]: Approx. 100 min with H-FS014042 / Approx. 90 min with H-FS045200 Motion JPEG with picture quality set to [HD]: Approx. 100 min with H-FS014042 / Approx. 90 min with H-FS045200
VIEWFINDER	
Type	Live View Finder (1,440,000 dots equivalent)
Field of View	Approx. 100%
Magnification	Approx. 1.4x / 0.7x (35mm camera equivalent) with 50mm lens at infinity; -1.0 m-1
Eye Point	Approx. 17.5mm from eyepiece lens
Diopter Adjustment	-4.0 ~ +4.0 m-1
Auto Eye Sensor	Yes
FOCUS	
Type	Contrast AF system
Focus Mode	AFS/ AFC/ MF
AF Mode	Face detection/ AF Tracking / 23-area-focusing / 1-area-focusing Touch (1-area-focusing in Face detection / AF Tracking / Multi-area-focusing / 1-area-focusing)
AF Detectable 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
Others	Touch shutter, Pre AF (Quick AF/Continuous AF), Touch MF Assist (5x, 10x)
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 (Standard Output Sensitivity)	Auto / 100 / 200 / 400 / 800 / 1600 / 3200 / 6400 / 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	
Type	Focal-plane shutter
Shutter Speed	Still Images: 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	
Still Image 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 (Sunset/Party/Baby 1, 2/Pet/Peripheral Defocus)
Movie SCN Mode	(Still image & Movie) Expressive/ Retro/ Pure/ Elegant/ Monochrome/ Dynamic Art/ Silhouette/Custom (Color/Brightness/ Saturation/ adjustable)

MY COLOR MODE	
My Color Mode	(Activated by selecting Still Image SCN mode then pressing Motion picture Button. Still Image SCN mode without corresponding Movie SCN mode is recorded in Normal mode or other related mode.)
BURST SHOOTING	
Burst Speed	H: 3.2 frames/ sec, M: 2.6 frames/ sec (with Live View), L: 2 frames/ sec (with Live View)
Number of Recordable Images	7 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, GN11 equivalent (ISO 100m), 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)
LCD MONITOR	
Type	Low temperature Polycrystalline TFT LCD with Touch panel
Monitor Size	Free-angle 3.0inch / 3:2 Aspect / Wide viewing angle
Pixels	460K dots
Field of View	Approx. 100%
Monitor Adjustment	Brightness (7 levels), Color (7 levels)
LCD Mode	Off / Auto Power LCD / Power LCD
LIVE VIEW	
Digital Zoom	2x, 4x
Extra Optical Zoom	Still image: Max. 2x (Not effective with L size recording. Magnification ratio depends on the recording pixels and aspect ratio.) Motion image: 3.1x (SH/H/L in AVCHD Lite and HD/WVGA in Motion JPEG), 4.2x (VGA/ QVGA in Motion JPEG)
Other Functions	Guide Lines (3 patterns) Real-time Histogram
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	Normal playback, 30-thumbnail display, 12-thumbnail display, Calendar display, Zoomed playback (16x Max.), Slide show, Playback Mode (Normal/Picture/AVCHD Lite/Motion JPEG/Category/Favorite), Title Edit, Text Stamp, Video Divide, Resize, Cropping, Aspect Conversion, Rotate, Rotate Display, Favorite, Print Set, Protect, Face Recognition Edit
IMAGE PROTECTION / ERASE	
Protection	Single / Multi or Cancel
Erase	Single / Multi / All / Except Favorite
PRINT	
Direct Print	PictBridge compatible Print size, Layout, Date setting is selectable
INTERFACE	
USB	USB 2.0 High Speed
HDMI	miniHDMI TypeC Video: Auto / 1080i / 720p / 480p (576p in PAL system) Audio: Stereo Monaural
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 / External Microphone Input	2.5mm. stereo minijack
Built-in Microphone	Monaural, Wind-cut: Off / Low / Standard / High
Speaker	YES
LANGUAGE	
OSD Language	English, German, French, Italian, Spanish, Polish, Czech, Hungarian, Russian, Chinese (Traditional), Chinese (Simplified), Dutch, Thai, Korean, Turkish, Portuguese, Arabic, Persian, Japanese, Swedish, Danish, Finnish *Check the website of the Panasonic sales company in your country or region for details on the OSD languages on the products that are available in your market.
POWER	
Battery	ID-Security Li-ion Battery Pack (7.2V, 1250mAh) (Included) Battery Charger/AC Adapter (Input: 110-240V AC, DC Cable is required)
Battery Life (CIPA standard)	Approx. 360 images (LCD), Approx. 390 images (LVF) with H-FS014042 Approx. 340 images (LCD), Approx. 370 images (LVF) with H-FS045200
DIMENSIONS / WEIGHT	
Dimensions (W x H x D)	124 x 83.6 x 74mm / 4.88 x 3.29 x 2.91 in (excluding protrusions)
Weight	Approx. 593g / 20.92 oz SD card, Battery, 14-42mm lens included) Approx. 810g / 28.57 oz SD card, Battery, 45-200mm lens included) Approx. 371g / 13.09 oz Body only
OPERATING ENVIRONMENT	
Operating Temperature	0°C to 40°C (32°F to 104°F)
Operating Humidity	10% to 80%
STANDARD ACCESSORIES	
Software	PHOTOfunSTUDIO 5.0 HD Edition SILKYPIX® Developer Studio 3.1 SE QuickTime™ USB Driver
Standard Accessories	Battery Charger / AC Adapter, Battery Pack, Body Cap, AV Cable, USB Connection Cable, AC Cable, Shoulder Strap, Stylus pen, CD-ROM