

2011 LUMIX® G SERIES

DMC-G3K

Compact System Camera



16 MEGAPIXEL MIRRORLESS COMPACT SYSTEM CAMERA

The LUMIX G3 eliminates the traditional mirror box, yet delivers even higher levels of performance in a compact, lightweight design.

DSLR IMAGE QUALITY AND FEATURES WITHOUT THE COMPLEXITY AND SIZE

Small enough to take anywhere, yet sophisticated enough to take your photography as far as you want it to go.

11 INTERCHANGEABLE MICRO COMPACT LENS OPTIONS

A wide range of digital interchangeable lenses lets you expand your range of creative expression and match your shooting situations.

3.0" TOUCH CONTROL ENABLED FREE ANGLE LCD WITH PRECISION TOUCH PINPOINT AF

Get a 100% field of view from any angle, plus ultra-precise autofocusing at your fingertips.



- Built-in Electronic Live View Finder (1.44M Dots), Traditional External Mode Dial
- 3X Lens Kit (14-42mm F3.5-5.6 ASPH. / MEGA O.I.S.)
- 11 Interchangeable Micro Compact Lens Options, Including the Exclusive Lumix H-FT012 3D Still Lens (Micro Four Thirds Lens Mount)
- Built-in Flash with External Flash Hotshoe
- Exclusive Lumix Intelligent Auto Modes: Intelligent Auto (iA) with Auto Scene Adjustment, Intelligent Resolution, Intelligent DRange
- New (iA+) Adjustable Intelligent Auto Plus Feature: Get the Look You Want Visually by Fine-Tuning the Auto Feature without Switching to Manual Mode
- 3.0" Touch Control Enabled Free Angle LCD with Precision Touch Pinpoint AF
- New Capture Controls: Creative Control Filter Effects and Photo-Style Customizable Controls
- 1080/60i HD Stereo Video (AVCHD or Motion JPEG and Built-in Stereo Mic)
- New Lumix Light Speed Focusing, and Variable 4-20 fps Burst Rate (Resolution Dependent)



At 3.29" tall by 4.54" wide, the G3K is more compact than standard DSLRs.



Panasonic
ideas for life

New-Generation System Cameras

LUMIX G
MICRO SYSTEM

2011 LUMIX® G SERIES

DMC-G3K Compact System 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 | 16.68 Megapixels |
| Camera Effective Pixels | 16.0 Megapixels |
| Color Filter | Primary color filter |
| Dust Reduction System | Supersonic wave filter |
| RECORDING SYSTEM | |
| Recording File Format | Still Image: JPEG (DCF, Exif 2.3), RAW, DPOF compatible, MPO (When attaching 3D lens in Micro Four Thirds standard) Motion Image: AVCHD / QuickTime Motion JPEG |
| 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] 4592 x 3448 (L) [16M] / 3232 x 2424 (M) [8M] / 2272 x 1704 (S) [4M] / 1824 x 1368 (When attaching 3D lens in Micro Four Thirds System standard) |
| | [3:2] 4576 x 3056 (L) [14M] / 3232 x 2160 (M) [7M] / 2272 x 1520 (S) [3.5M] / 1824 x 1216 (When attaching 3D lens in Micro Four Thirds System standard) |
| | [16:9] 4576 x 2576 (L) [11.5M] / 3232 x 1824 (M) [6M] / 1920 x 1080 (S) [2M] / 1824 x 1024 (When attaching 3D lens in Micro Four Thirds System standard) |
| Motion Image | Motion JPEG** |
| | [4:3] QVGA: 320 x 240, 30fps / VGA: 640 x 480, 30fps |
| | [16:9] HD: 1280 x 720, 30fps |
| | [Full HD] 1920 x 1080, 60i (sensor output is 30p) (FSH:17Mbps) |
| | [HD] 1280 x 720, 60p (sensor output is 30p) (SH:17Mbps) |
| Continuous Recordable Time (Motion Images) | AVCHD with picture quality set to [FSH]: Approx. 110 min with H-FS014042 / Approx. 100 min with H-FS045200 Motion JPEG with picture quality set to [HD]: Approx. 120 min with H-FS014042 / Approx. 110 min with H-FS045200 |
| Actual Recordable Time (Motion Images) | AVCHD with picture quality set to [FSH]: Approx. 55 min with H-FS014042 / Approx. 50 min with H-FS045200 Motion JPEG with picture quality set to [HD]: Approx. 60 min with H-FS014042 / Approx. 55 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 (dpt) |
| FOCUS | |
| Type | Contrast AF system |
| Focus Mode | AFS/ AFC/ 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 Detectable Range | EV 0-18 (ISO100 equivalent) |
| AF Assist Lamp | YES |
| AF Lock | Set the Fn button in custom menu to AF/AE lock |
| 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 |
| ISO Sensitivity (Standard Output Sensitivity) | Auto / Intelligent ISO / 160 / 200 / 400 / 800 / 1600 / 3200 / 6400 (Changeable to 1/3 EV step) |
| Exposure Compensation | 1/3EV Step ±5EV |
| AE Lock | Set the Fn button in custom menu to AF/AE lock |
| AE Bracket | 3, 5, 7 frame, in 1/3, 2/3 or 1 EV Step, ±3 EV |
| WHITE BALANCE | |
| White Balance | Auto / Daylight / Cloudy / Shade / Incandescent / Flash / White Set 1, 2 / Color temperature setting (Touch operation is possible) |
| 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. 120 seconds) Motion image: 1/16000 – 1/30 (NTSC), 1/16000 – 1/25 (PAL) |
| Self Timer | 10sec, 3 images / 10sec, 2sec |
| 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/ Sepia/ High Dynamic |
| BURST SHOOTING | |
| Burst Speed | SH: 20 frames / sec (4M), H: 4 frames / sec, M: 3 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, GN10.5 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) |
| LCD MONITOR | |
| Type | TFT LCD with Touch panel |
| Monitor Size | Free-angle 7.5cm (3.0 inch) / 3:2 Aspect / Wide viewing angle |
| Pixels | 460K dots |
| Field of View | Approx. 100% |
| Monitor Adjustment | Brightness (7 levels), Contrast and Saturation (7 levels), Red tint (7 levels), Blue tint (7 levels) |
| LIVE VIEW | |
| Digital Zoom | 2x, 4x |
| Extra Tele Conversion | Still image: Max. 2x (Not effective with L size recording. Magnification ratio depends on the recording pixels and aspect ratio.) Motion image: Max. 4.8x (Magnification ratio depends on the recording quality and aspect ratio.) |
| Other Functions | Guide Lines (3 patterns) Real-time Histogram |
| PHOTO STYLE | |
| Color | Standard / Vivid / Natural / Monochrome / Scenery / Portrait / Custom |
| 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/AVCHD/Motion JPEG/3D/Category/Favorite), Title Edit, Text Stamp, Video Divide, Resize, Cropping, Aspect Conversion, Rotate, Rotate Display, Favorite, Print Set, Protect, Face Rec Edit |
| 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 is selectable) |
| INTERFACE | |
| USB | USB 2.0 High Speed |
| HDMI | miniHDMI TypeC / VIERA Link Video: Auto / 1080i / 720p / 480p Audio: Dolby® Digital Stereo Creator |
| Audio Video Output | Monaural Type, NTSC, 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 Input | ø 2.5mm mini jack |
| Microphone | Stereo, Wind-cut: Off/ Low/ Standard/ High, Mic level adjustable (4 levels) |
| Speaker | Monaural |
| 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, Greek *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, 1010mAh) (Included) Battery Charger |
| Battery Life (CIPA standard) | Approx. 270 images (When using the LCD / LVF) with H-FS014042 Approx. 250 images (When using the LCD / LVF) with H-FS045200 |
| DIMENSIONS / WEIGHT | |
| Dimensions (W x H x D) | 115.2 x 83.6 x 46.7mm / 4.54 x 3.29 x 1.84 in (excluding protrusions) |
| Weight | Approx. 544g/ 19.20 oz. (SD card, Battery, 14-42mm lens included) Approx. 761g/ 26.88 oz. (SD card, Battery, 45-200mm lens included) Approx. 336g/ 11.84 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 6.2 HD Edition, SILKYPIX® Developer Studio 3.1 SE, Super LoLoScope (trial version), USB Driver |
| Standard Accessories | Battery Charger, Battery Pack, Body Cap, AV Cable, USB Connection Cable, Shoulder Strap, Stylus Pen, CD-ROM |