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DMC-G2K

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DMC-G2K

NEW! 12.1 Megapixel Interchangeable Lens System Camera

- **Touch 3.0-Inch Free Angle LCD**
Intuitive operation such as AF/Shutter/Playback by touching the screen
 - **One-touch AVCHD Lite Movie Recoding**
Records using AVCHD Lite to capture HD, 1280 x 720, 60p movies with movie button
 - **1.44mil-dot equivalent Super High Resolution**
- Live View Finder with eye sensor**
Shoot the exact image the camera sees without switching the setting of the display
- + Larger Views**

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360° View

A Touch Is All It Takes: An Entirely New Kind of System Camera Shooting

Just Touch the Screen to Shoot

The LUMIX G2 is the world's first* system camera with touch-control shooting. Just touch the LCD to indicate the subject, and the LUMIX G2 focuses on it instantly. Choose from four AF modes (listed below) to match the conditions. You can also operate the auto focus and shutter release at the same time with just a touch, for a completely new way to shoot.

*For an interchangeable lens system camera as of March 7, 2010.

Use Touch Operation in iA Mode

In iA (Intelligent Auto) mode, simply touch the subject on the LCD and the LUMIX G2 automatically selects the optimal scene mode.

Touch Operation Makes Manual Focusing Easier, Too

When you're in manual focus mode, touch an image on the LCD and the LUMIX G2 shows you a blown-up view of that image instantly. This makes it easier to check that

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you've got a sharp focus.

Adjust the Exposure Meter with a Touch

You can adjust the exposure compensation by sliding your finger on the aperture and shutter speed settings in the exposure meter shown on the LCD. The range in which appropriate exposure is not possible is shown in red, so you can intuitively grasp the corresponding aperture and shutter speed combinations.

Quick Menu for Instant Settings Just Touch the Screen

A touch is all it takes to make a variety of settings, including photo size, ISO sensitivity and white balance. You spend less time fiddling with the camera and more time getting great shots.



Touch-Operated Playback, Too

A variety of touch-control operations make playback quick, easy and more fun. For example, with Touch-Scroll Playback you simply slide your finger across the LCD to scroll through images. And with Touch-Zoom Playback, you can simply touch a part of the image to enlarge it to as much as 16x.

HD Movie with Superb Quality

Shooting an HD Movie Is Now as Easy as Pressing a Button

The hybrid LUMIX G2 lets you take both high quality photos and HD movies. You can shoot breathtaking HD (1280 720) movies in AVCHD Lite (MPEG-4 AVC/H.264). You can record for a longer time without running out of memory because AVCHD Lite stores less data than Motion JPEG while maintaining stunning image clarity and detail. A dedicated button on the top lets you instantly start recording movies while shooting photos, without having to make any extra settings.

AVCHD Lite" and "AVCHD Lite" logos are trademarks of Panasonic Corporation and Sony Corporation.

Motion Picture P Mode: For Beautiful, Softly Focused Shots

Motion Picture P mode makes it extremely easy to shoot beautiful HD movies. You can freely set the degree of soft focusing in the background to capture rich, emotionally expressive HD movie images.

iA Mode: Beautiful HD Movies with Point-and-Shoot Ease



Select iA mode, and the LUMIX G2 automatically activates a host of advanced functions and technologies listed below that make it easy to capture beautiful HD movies

AF Tracking



The camera locks on the subject and follows it around, keeping it in sharp focus and properly exposed. It keeps tracking even if the subject turns to the side.

Double Live View for Easy, Accurate Shooting



Use Full-Time Live View with Both the LCD and the Live View Finder

Full-time Live View works with both the LCD and the Live View Finder. This means that, no matter which way you shoot, you see before you shoot how adjusting the exposure compensation, white balance, aperture and even the shutter speed will affect the image. On the G2, both the LCD and the Live View Finder boast true Full-time Live View capability. The Live View Finder has large, approximately 1.4x (0.7x*) magnification and an approximate 100% field of view. This combines with 1,440,000-dot equivalent resolution to make it easy to get the exact image that you see through the lens.

*35mm camera equivalent.

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.



Photos and HD Movies with All the Beauty You Can Imagine

12.1-Megapixel Live MOS Sensor

Higher Image Quality, Lower Power Consumption The LUMIX G2's 4/3-type 12.1-megapixel Live MOS sensor offers the best of both worlds the superior image quality of a CCD sensor, and the lower power consumption of a CMOS sensor. This sensor is also advantageous for photo and movie recording with its high S/N, thanks to an advanced circuit structure that is unaffected by the noise generated in each of the circuits. It results in clear images even when taken at high ISO sensitivity.

Capture Magnificent Shots with a Single Press of the iA Button



With the LUMIX G2 you're always ready for those sudden, spur-of-the-moment photo opportunities. Just press the dedicated iA button and aim the camera at your subject. The LUMIX G2 automatically determines the most suitable Scene mode and helps correct blurring, focus, and brightness problems to capture great photos.



Face Recognition

This function recognizes the faces of up to three people that have been registered in the camera, and displays the names on the LCD. The LUMIX G2 then optimizes the focus and brightness of the recognized faces and captures them clearly and beautifully. *Turn the Face Recognition item on and register subjects with a full-face portrait on the shooting menu in advance. Refer to the back page for details.



AF Tracking

Once you focus on your subject, AF Tracking automatically and continuously tracks it and keeps it in focus even if it moves until you press the shutter release.



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 Scene Selector

This function automatically selects the most suitable Scene mode for the situation. Portrait, Night Portrait, Scenery, Night Scenery, Close-up or Sunset.



Face Detection AF/AE

This function determines if there are any faces in the image and adjusts the focus and exposure to capture them correctly.



Intelligent ISO Control

If the subject moves as you shoot, it automatically adjusts the ISO sensitivity and shutter speed to help prevent subject blur.



MEGA O.I.S. (Optical Image Stabilizer)

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

My Color Mode: For More Creative Shooting

While taking photos My Color mode makes it easy to capture creative images. Just aim the camera and select any of seven preset effects, including Silhouette, Expressive, Pure and others, while checking the image in live view. The Custom setting lets you adjust the color, brightness and saturation to your liking, to further expand your creative palette.

Advanced Technology Packs Higher Image Quality into a Smaller, Lighter Body

The High-Speed, High-Performance Venus Engine HD II

The Venus Engine HD II incorporates two CPUs. This not only boosts image processing speed, it also helps achieve an exceptional noise-reduction performance. Also, the two CPUs of the Venus Engine HD II allow long-time movie recording in AVCHD Lite while maintaining low power consumption. And the Venus Engine HD II features a new circuit that makes Intelligent Resolution Technology possible too.



Intelligent Resolution Technology Brings Out the Detail

In iA mode, the LUMIX G2 automatically identifies parts with outlines, detailed texture areas and soft gradation areas, and optimizes the edge emphasis on the outlines and detailed texture areas while using the Venus Engine noise reduction process to make the soft gradation areas smoother. You can capture stunning images with details you've never seen before in both photo and movie recording.

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 LUMIX G2 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.

The Fun Doesn't End When You're Done Shooting for the Day HD Photos and HD Movies with VIERA Link Networking

The LUMIX G2 is equipped with an HDMI output terminal for direct transmission of digital image and sound signals. Just connect the LUMIX G2 to an HDTV using a single HDMI mini cable (optional). It's also easy to enjoy slideshows in which both photos and movies are played according to the recorded timeline. If you have a VIERA TV, you can control the camera's playback functions with VIERA's remote control unit.

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



Easy HD Image Viewing with the SD Card Slot

Simply take the SDXC/SDHC/SD Memory Card from the G2 and slip it into the card slot of a VIERA or Blu-ray Disc player, and you're ready to view HD images. For even greater impact and entertainment fun, you can add background music and image effects to your image slideshows.

*To play movies recorded in the Motion JPEG format, you need the included AV cable.

A Variety of Lenses to Choose From More Creative Tools to Enjoy LUMIX G VARIO 14-42mm / F3.5-5.6 ASPH. / MEGA O.I.S.

This lens features built-in O.I.S. (optical image stabilizer) and covers a focal distance of 28mm to 84mm (35mm camera equivalent). A multicoating process on each lens minimizes ghosts and flaring, so you capture clear, beautiful images in every shooting situation from simple snapshots to family portraits to scenic landscape shots.

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