

THE ONE FOR THE ADVENTURE

The best moments don't always come from the easiest shooting situations. That's why I use the LUMIX G85 for shooting my adventurous moments in the field. The 5-axis Dual I.S. 2 counters hand-shake blur as I follow fast-moving subjects. 4K PHOTO and DFD AF secure the precise instants when nature briefly reveals itself. The camera is compact and light for keeping to hand at all times, as well as splash and dustproof for weathering the elements. The generous size and response of the OLED LVF makes subject-tracking a delight, while the stable grip lets me shoot confidently and ambitiously. Results are recorded in superb high-definition by the MOS sensor without Low-pass filter. All these functions and specs turn this camera into part of the adventure – all for the sake of a surprising moment. Enjoy active photography with the LUMIX G85.



The 12mm lens allowed me to frame wide while being fairly close to the subjects. I could include what was important in the shot and still be close enough to create the feel that I'm right there with the workers. The articulating screen of the G85 is absolutely brilliant for shooting from challenging perspectives like this one. There's no need to lay down, get on your back or into an awkward position.

LEICA DG SUMMILUX 12mm / F1.4 ASPH. (1/8000sec, F2.0, ISO 200)



This image has a graphic quality to it because of the silhouetted figure of the man in the hat against the sky. Two factors helped me achieve this: the wide angle 12mm lens and the perspective I shot from. The articulating screen was important. If I had to look through a viewfinder or a non-articulating screen, I'd need to lay down on the ground next to the fire. With the G85 I crouched, twisted the screen, placed the camera very close to the ground and could comfortably wait for the right moment to make my exposure.



Mitchell Kanashkevich

Throughout virtually all of my adult life I've been traveling, seeking adventure and ways to learn and interact with cultures which are very different from my own. Photography became a great excuse to look deeper and to make my experiences more intense. My main interest is people working in unique, challenging conditions, and those who live in close bond with nature. I am especially fascinated by surviving and evolving ancient traditions. The stories I'm drawn to are generally those that I come across on the road, by chance. They're outside of what the mass media usually shows us about our planet. I want my images to provide just a tiny bit of a window into those worlds, those lives which don't get much, if any coverage.

LEICA DG SUMMILUX 12mm / F1.4 ASPH. (1/640sec, F1.4, ISO 200)



STABILIZATION

NO MORE BLUR EVEN WHEN SHOOTING ONE-HANDED



Intelligent control of stabilization in both body and lens.

5-axis* Dual I.S. 2 (Image Stabilizer)

* 5-Axis Dual I.S. 2 works when attaching the lens that complies with it. The compliant lenses are H-FS14140 and H-FS12060 as of 19 September, 2016. Firmware update of the lens is also required.

[Allows 5-stop* slower shutter speeds]

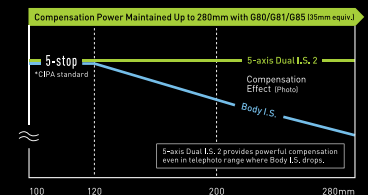
The LUMIX G85 has a high-precision gyrosensor and new algorithm making it possible to achieve 5-stop compensation (maximum) and shoot whatever the lighting. This is then intelligently balanced and optimized with in-lens shake correction, covering every shooting situation.

* Based on the CIPA standard, Yaw/Pitch direction: focusing distance f=50-140mm (35mm film camera equivalent f=100-280mm), when H-FS14140 is used.



[From wide-angle to tele-end]

With such powerful technology, sharp blur-free results are achieved even when following a fast moving subject with one hand. More importantly, through the perfect combination of body and optical image stabilizers — with the Body I.S. able to stabilize wide-angle shots, and the O.I.S. built to cope with any focal length — the 5-axis Dual I.S. 2 is highly effective whether shooting wide-angle or telephoto. 5-axis Dual I.S. 2 is not only effective for stills but also for video recording and 4K PHOTO.



Further reduced shutter shock

Electromagnetic Shutter Unit

The electromagnetic drive in the shutter unit reduces shock caused by the movement of the shutter diaphragm and also minimizes the shutter sound. Together with the solid magnesium front, the total shutter shock is reduced by approx. 90% compared with its predecessor, the G7/G70. This is effective for highly sensitive shoots when it is important to suppress blurring at a pixel level.



ULTRA HIGH-SPEED RESPONSE

YOUR PRECIOUS MOMENTS PRESERVED PERFECTLY



Technology that freezes every moment in full detail

4K PHOTO

Shoot a continuous 30 fps burst, then choose and extract the exact frames you want. This assures a way to capture perfect spur-of-the-moment shots that were not possible in conventional cameras, and the operation is delightfully intuitive — simply touch, drag and extract. Each frame is saved and prints crisply even in A3 size. 4K PHOTO can be shot in your aspect ratio of choice 16:9, 4:3, 3:2, or 1:1. Choose the best mode to shoot with, from 4K Burst, 4K Burst (Start/Stop) and 4K Pre-Burst, each of which offer a smart solution to different subject situations.

[4K Burst]

4K Burst allows almost unlimited 30 fps ultrahigh burst rate shooting by simply holding down the shutter button, then releasing to stop.

[4K Burst (S/S)]

4K Burst S/S (Start/Stop) is for unpredictable scenes. Press the shutter button to start consecutive shooting, press again to stop.

[4K Pre-Burst]

4K Pre-Burst is for unpredictable moments that happen suddenly. Recording begins one second before and after the button is pressed.



Cut out 4K Photo images as a JPEG group

4K PHOTO Bulk Saving

You don't need to check through your recorded 4K PHOTO images one by one on the monitor to find the perfect frame you want. Simply select a frame, and the 5 seconds of images immediately after it will be saved for later slideshow playback on a large monitor so you can identify the most perfect shot at your leisure. Save this bulk selection to group management while keeping continuous playback capability.

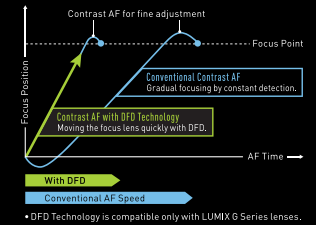


Never miss ultra-fast moments

0.07-Sec AF with DFD Technology

The LUMIX G85's split-second crystal sharpness is achieved by combining conventional autofocus which analyses the contrasts within an image, and Depth From Defocus (DFD) technology*1 which predicts the focal point by comparing two images with different sharpness levels. Whether shooting photo or video, focusing becomes smoother and wobble is minimized while continuous focus stability is improved. This lets you catch even the most fleeting shutter opportunities thanks to an ultra high-speed AF of approx. 0.07 sec*2. Together with the Contrast AF system, and supported by a LUMIX G lens capable of digital signal communication with a maximum of 240 fps, fast and smooth focusing is assured.

*1 Contrast AF with DFD Technology works only with Panasonic Micro Four Thirds lenses.
*2 In AFS, at wide-end with H-FS14140 (based on the CIPA standard)



Full resolution continuous bursts to capture moments too fast for the eye to see

Burst Shooting

For tracking fast moving subjects, and moments not visible to the naked eye, high-speed burst shooting — with the mechanical shutter at 9 fps (AFS) / 6 fps (AFC) — is achieved in stunning resolution thanks to high-speed image processing between the 16.0-megapixel Digital Live MOS Sensor and Venus Engine. The maximum number of burst images has been improved up to 300 JPEGs and 45 RAW images or more.

Choose and change AF functions according to the subject

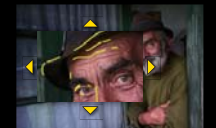
AF Functions

The 1-Area Focus Points of the LUMIX G85 allow flexible compositions. The size of these points can be adjusted easily and Custom Multi AF lets you select those you wish to use. When video recording, the camera focuses on the face and, for stills, Face/Eye Detection AF automatically detects eyes in addition to the face. Also, Low Light Auto Focus makes it possible to focus on subjects more precisely even in -4EV low light situations. In addition, the LUMIX G85 fully integrates StarLight Auto Focus for improved imaging of the night skies.

Visually check the precise point of focus

Focus Peaking

Focus Peaking is handy when you need more precise focusing. It displays the focusing peak in real-time for MF and AF+MF mode when shooting still images or videos. The function can be set to High, Low or Off, and the display color can also be chosen to match the shooting situation.





DESIGN & CONTROLS

DESIGNED FOR OUTDOOR SHOOTING



Designed to be tough Magnesium Alloy Front Frame

The LUMIX G85 body adopts a rugged design with a magnesium alloy full die-cast front frame, making it lightweight yet durable and a perfect companion outdoors, tough enough to withstand even heavy field use.

Rugged durability for harsh conditions Splash / Dustproof Design

The LUMIX G85 achieves ruggedness with all seams, dials and buttons weather-sealed for splash and dustproof reliability. Then, with a Panasonic splash / dustproof lens attached you can venture out with complete confidence to shoot in any weather situation or environment.

Outdoor subjects so much easier to see 0.74x Large, High-Speed OLED LVF with 20mm Eye Point

This 2,360K-dot OLED LVF viewfinder, approx. 0.74x magnification (35mm camera equivalent), is a newly introduced "Power Saving LVF" featuring a time-adjustable sleep mode to enable longer battery life of approx. 800 images*. The high-resolution performance shows the finest detail and the high-speed display eliminates time lag so that fast moving subjects can also be captured. Furthermore, the improved and wider 20mm eye point makes it easier for those wearing glasses.

* Under the test conditions specified by Panasonic based on CIPA standard. When the time for sleep mode is set to 3 sec.

Greatly expand your compositional possibilities 1,040K-dot Free-angle Touchscreen LCD

Not only is this a large 3.0-inch, approx. 1,040K-dot, high-resolution static-type touch monitor with approx. 100% field of view, it is also a free-angle monitor, highly practical and flexible for creative scene compositions. Enjoy artistic framings or unusual perspectives such as low-angle views from ground level.

Extra stability for single-hand shooting Grip and Dials

To make operation more intuitive, the LUMIX G85 has an overall ergonomic design. The snug, solid hand-fitting grip makes it stable to hold, even in one hand. The front/rear dual dial system with dial operation switch enables direct setting changes. Two Custom Modes (C1 and C2) on the mode dial make it quick and easy to access the target menu. The Battery Grip extends battery life for longer shooting, while the specially considered design makes the LUMIX G85 easy to hold for both horizontal and vertical angle shooting.

* Battery pack is included in DMW-BG61.





IMAGE QUALITY

VIBRANT TRUE-TO-LIFE IMAGING

The power to reproduce beauty at astonishing new levels

Digital Live MOS Sensor and Venus Engine

Gain vibrant, truly realistic and high quality images with excellent resolution, high contrast, and impressive color reproduction. By combining a 16.0-megapixel Digital Live MOS Sensor with the Venus Engine and eliminating the low-pass filter, a 10%* resolution improvement has been achieved.

* Panasonic comparison with the DMC-G7/G70.



Low noise, high sensitivity shooting

Up to ISO 25600

The LUMIX G85 minimizes noise even at a high sensitivity setting for low light situations, even to a maximum of ISO 25600. With the LUMIX G85 body complemented by a LUMIX lens built to the highest Leica standards, subjects are faithfully reproduced in superb resolution. Now you can take everything from portraits and indoor scenes to sweeping landscapes — every shot captured as a crisp, highly detailed image with high contrast and impressive color reproduction in true-to-life quality.

Seductive tones like a classic black-and-white film

L Monochrome

L Monochrome is an exciting new setting to Photo Style, offering impressive B/W images with the deep blacks and rich monotone gradation of a classic black-and-white film. The Venus Engine reproduces vibrant, impressive colors by fine tuning hue, saturation, and luminosity separately.





VIDEO PERFORMANCE

IMPRESSIVE RESOLUTION, CINEMATIC POWER



*Actual resolution: 3840 x 2160p

Stunningly impressive true-to-life image quality

4K Video Recordings

The LUMIX G85 is capable of recording stunningly smooth, high-resolution 4K video in 3840 x 2160 at 30p/25p (50 Hz) / 30p (60 Hz) or at 24p, in addition to Full-HD 1,920 x 1,080 60p/50p (50 Hz) / 60p (60 Hz) videos with practical full-time AF.

Output images to an external monitor

4:2:2 / 8-bit* HDMI Live Output

While simultaneously recording video, the LUMIX G85 also enables real-time 4:2:2 / 8-bit image output to an external monitor or recorder via an optional HDMI cable. You can choose to output only the content itself or the content plus different settings data (depending on the display). The 3.5mm microphone socket is for high quality audio recording from an external microphone.

* Video is recorded in 4:2:0 / 8-bit on SDXC/SDHC Memory Card.

Movie like image expression

Cinelike Gamma

Gamma presets are now available in Creative Video mode. CINELIKE D and CINELIKE V let you shoot video with the same kind of rich image expression you only usually see in a movie theater.



Stable sound recordings

3.5mm Mic Socket

The LUMIX G85 has a 3.5mm general-purpose stereo microphone socket designed to absorb vibration to ensure stable sound recordings from an external microphone.



In-frame controls for smooth panning and stable zooming

4K Live Cropping

The LUMIX G85 also enables 4K Live Cropping for smooth digital panning and zooming when shooting video. Thanks to a computerized operation you can gracefully pan or zoom while the camera and lens stay physically fixed. You don't need special equipment such as a slider. To pan, simply set the specific framing positions of where to start and finish, then record. To zoom, simply set the end-subject framing.



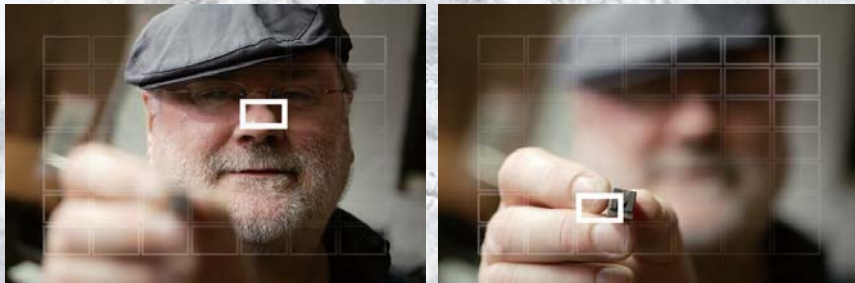
NEW PHOTOGRAPHIC STYLE

NEW FUNCTIONS MEETING ALL YOUR PHOTOGRAPHIC NEEDS

A new feature for selecting the best focus after shooting Post Focus



4K technology makes possible a Post Focus function which can refocus an image even after it has been captured. Simply take the shot, review it on the LCD monitor and touch the portion of the photo you wish to refocus as the main focal area.



Sharp focus through every image layer - even in macro Focus Stacking

Focus stacking lets you control the depth of field of the image after shooting, by simply selecting the focusing area. A single shutter operation automatically shoots from points in front of the subject to others behind it. These images are then digitally processed in-camera to produce one blended image with ultra-sharp focus at every field depth. This is ideal for capturing the full anatomical details of an insect close-up — effective even with the shallowest depth of field.

Enhance the beauty of fireworks and night views Light Composition

Get creative in the dark with 4K PHOTO's Light Composition function. After combining a stream of images, the brighter pixels are automatically combined to produce a single dramatic image. This process can now all be done in-camera.

Other Features of the LUMIX G85

Easy wireless connectivity with smartphones Wi-Fi®



The LUMIX G85 integrates Wi-Fi® connectivity (IEEE 802.11 b/g/n) to offer a more flexible shooting experience and instant, simple image sharing. After connecting the camera to your smartphone (or tablet device) and installing Panasonic's dedicated application Panasonic Image App for iOS® / Android™ you can operate the camera, share your images or browse the results remotely.

• The Wi-Fi CERTIFIED Logo is a certification mark of the Wi-Fi Alliance.



Shoot with the option to select the best settings later Focus / Aperture / Exposure / WB Brackets

New Focus Bracket and Aperture Bracket options are now available, alongside the Exposure and White Balance Brackets, allowing you to select the best settings later. The Focus Bracket saves up to 999 images with different focus points to choose from, and the Aperture Bracket takes multiple shots with different depths of field.

COMPATIBLE LENSES FOR THE LUMIX G85

Splash/Dust Proof Lenses



X LUMIX G X VARIO 12-35mm / F2.8 ASPH. / POWER O.I.S., (H-HS12035)



LEICA DG LENS LEICA DG SUMMILUX 12mm / F1.4 ASPH., (H-XD12)



LUMIX G VARIO 12-60mm / F3.5-5.6 ASPH. / POWER O.I.S., (H-FS12060)


























X LUMIX G X VARIO 35-100mm / F2.8 / POWER O.I.S., (H-HS35100)



LEICA DG LENS LEICA DG VARIO-ELMAR 100-400mm / F4.0-6.3 ASPH. / POWER O.I.S., (H-RS100400)

Other Lenses

 LEICA DG SUMMILUX 15mm / F1.7 ASPH., (H-XD15) LEICA DG LENS NANO SUBLIM COATING Premium Lens HD Video Support	 LUMIX G X VARIO PZ 14-42mm / F3.5-5.6 ASPH. / POWER O.I.S., (H-PS14042) X NANO SUBLIM COATING Premium Lens HD Video Support
 LEICA DG SUMMILUX 25mm / F1.4 ASPH., (H-XD25) LEICA DG LENS NANO SUBLIM COATING Premium Lens HD Video Support	 LUMIX G VARIO 14-42mm / F3.5-5.6 II ASPH. / MEGA O.I.S., (H-FS1442A) MULTI COATING HD Video Support
 LEICA DG NOCTICRON 42.5mm / F1.2 ASPH. / POWER O.I.S., (H-NS942) LEICA DG LENS NANO SUBLIM COATING Premium Lens HD Video Support	 LUMIX G VARIO 14-42mm / F3.5-5.6 ASPH. / MEGA O.I.S., (H-FS014042) MULTI COATING HD Video Support
 LEICA DG MACRO-ELMARIT 45mm / F2.8 ASPH. / MEGA O.I.S., (H-ES045) LEICA DG LENS NANO SUBLIM COATING Premium Lens MULTI COATING	 LUMIX G VARIO 14-45mm / F3.5-5.6 ASPH. / MEGA O.I.S., (H-FS014045) MULTI COATING HD Video Support
 LUMIX G FISHEYE 8mm / F3.5 (H-F008) MULTI COATING HD Video Support	 LUMIX G VARIO 35-100mm / F4.0-5.6 ASPH. / MEGA O.I.S., (H-FS35100) MULTI COATING HD Video Support
 LUMIX G 14mm / F2.5 II ASPH., (H-H014A) MULTI COATING HD Video Support	 LUMIX G VARIO 14-140mm / F3.5-5.6 ASPH. / POWER O.I.S., (H-FS14140) MULTI COATING HD Video Support
 LUMIX G 20mm / F1.7 II ASPH., (H-H020A) MULTI COATING	 LUMIX G VARIO 45-150mm / F4.0-5.6 ASPH. / MEGA O.I.S., (H-FS45150) MULTI COATING HD Video Support
 LUMIX G 25mm / F1.7 ASPH., (H-H025) MULTI COATING HD Video Support	 LUMIX G VARIO 45-200mm / F4.0-5.6 / MEGA O.I.S., *Limited Availability (H-FS045200) MULTI COATING HD Video Support
 LUMIX G MACRO 30mm / F2.8 ASPH. / MEGA O.I.S., (H-HS030) MULTI COATING HD Video Support	 LUMIX G X VARIO PZ 45-175mm / F4.0-5.6 ASPH. / POWER O.I.S., (H-FS45175) X NANO SUBLIM COATING Premium Lens HD Video Support
 LUMIX G 42.5mm / F1.7 ASPH. / POWER O.I.S., (H-HS43) MULTI COATING HD Video Support	 LUMIX G VARIO 100-300mm / F4.0-5.6 / MEGA O.I.S., (H-FS100300) MULTI COATING HD Video Support
 LUMIX G VARIO 7-14mm / F4.0 ASPH., (H-F00714) MULTI COATING HD Video Support	 LUMIX G 12.5mm / F12 (H-F1012) 3D
 LUMIX G VARIO 12-32mm / F3.5-5.6 ASPH. / MEGA O.I.S., (H-FS12032) MULTI COATING HD Video Support	

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