



Panasonic LUMIX DC-GH7E

ProdCode: PANDCGH7E

Micro Four-Thirds Mirrorless Camera - Body Only

[\[Download Images\] \(.zip file\)](#)

Features

- Micro Four-Thirds Mirrorless Camera
- Lens mount: Micro Four Thirds
- Video file formats:
 - MOV: H.264/MPEG-4 AVC, H.265/HEVC, Apple ProRes, Apple ProRes RAW
 - MP4: H.264/MPEG-4 AVC, H.265/HEVC
- Image file formats: JPEG (DCF, Exif 3.0), RAW

The LUMIX GH7 delivers outstanding video performance, wide dynamic range with a newly developed 25.2MP BSI CMOS sensor, and improved AF performance with PDAF (Phase Detection Auto-Focus). To support the efficient workflow required in professional production environments, the GH7 is newly equipped with Apple ProRes RAW ^{*1} internal recording and the World's first 32-bit float recording ^{*2}, which eliminates the need to adjust sound recording levels during shooting.

With the rapid increase in demand for video content in recent years, the number of small teams of video creators is rising, along with the demand for further improvements in the quality of mirrorless cameras with excellent video performance and portability. Since its release in 2009, the LUMIX GH series has developed a strong reputation among creators and video production teams as a model renowned for its shooting performance, innovative features and reliability.

The LUMIX GH7 is a next-generation mirrorless camera that meets the needs of creators, whatever their creative field may be.

High performance, fast response, and excellent mobility

- 25.2MP BSI CMOS sensor with high resolution and fast response, along with 13+ stop dynamic range boost ^{*3} with rich gradation
- Adopting PDAF for high-speed, high-precision AF performance, and newly added real-time auto-focus recognition AF for airplanes and trains
- Improved image stabilization technology, including perspective distortion correction for videos and High mode in Active I.S. to enable powerful compensation when shooting on the move

Enhanced video quality and optimized workflows from shooting to post-production

- Internal recording of 5.7K 30p ProRes 422 HQ and ProRes RAW HQ ^{*1}.
- World's first 32-bit float recording ^{*2}, eliminating the need to adjust audio recording levels during shooting when using the new XLR microphone adapter, DMW-XLR2 (sold separately).
- Allows users to load original LUT files and apply new color looks directly to videos and photos with REAL TIME LUT.
- Enables proxy recording for workflow efficiency and supports native Camera to Cloud integration with Adobe's Frame.io, enabling images and videos to be automatically uploaded, backed up, shared, and worked on jointly via the cloud.

- Open Gate recording to enable flexible framing for any social media platform or client needs.

Reliable in the video production field

- Unlimited video recording made possible with efficient heat dissipation processing and the integration of a cooling fan ^{*4}.
- Convenient tilt-free angle monitor that does not interfere with HDMI or USB cables when tilted
- Able to withstand harsh environments with dust, splash resistance ^{*5}, and freeze-resistance down to -10 degrees Celsius/14 degrees Fahrenheit.

^{*1} Recording is not possible on the SD card.

^{*2} For an interchangeable lens digital camera, as of June 5th 2024. According to Panasonic's research. When used with the XLR microphone adapter DMW-XLR2 (sold separately).

^{*3} Dynamic Range Boost is not activated when shooting HFR/VFR video of 61fps or higher, or with SH burst shooting. Also not activated at shutter speeds slower than 1/15 during still image shooting, depending on the ISO. When shooting video over 60 fps (including VFR), latitude will be 12+ stop.

^{*4} When shooting at C4K/60p or lower. There are temperature restrictions for resolutions exceeding Cinema4K, VFR/HFR, and ProRes. Recording time depends on battery and memory card capacity.

^{*5} Dust and Splash Resistant does not guarantee that damage will not occur if this lens is subjected to direct contact with dust and water

