

Full Technical Specs

Panasonic LUMIX GH5 4K Mirrorless ILC Camera

Imaging

- **Lens Mount:** Micro Four Thirds
 - **Camera Format:** Micro Four Thirds (2x Crop Factor)
 - **Pixels:**
 - Actual: 21.77 Megapixel
 - Effective: 20.3 Megapixel
 - **Max Resolution:** 20 MP - 5184 x 3888
 - **Aspect Ratio:** 1:1, 3:2, 4:3, 16:9
 - **Sensor Type / Size:** MOS, 17.3 x 13 mm
 - **File Formats:**
 - Still Images: JPEG, RAW
 - Movies: AVCHD Ver. 2.0, H.264, MOV, MP4
 - Audio: AAC, Dolby Digital 2ch
 - **Dust Reduction System:** Yes
 - **Memory Card Type:**
 - SD
 - SDHC
 - SDXC
 - **Image Stabilization:** Sensor-Shift, 5-Way
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AV Recording

- **Video Recording:** Yes, NTSC/PAL
- **Resolution:**
 - 4096 x 2160
 - 3840 x 2160
 - 1920 x 1080
- **Video Format:** 4K
 - 4096 x 2160p / 23.98 fps
 - 4096 x 2160p / 24 fps
 - 4096 x 2160p / 29.97 fps
 - 4096 x 2160p / 25 fps
 - 3840 x 2160p / 59.94 fps
 - 3840 x 2160p / 50 fps
 - 3840 x 2160p / 29.97 fps
 - 3840 x 2160p / 24 fps
 - 3840 x 2160p / 23.98 fps
 - 3840 x 2160p / 25 fps
 - 3328 x 2496p / 59.94 fps
 - 3328 x 2496p / 50 fps
 - 3328 x 2496p / 29.97 fps
 - 3328 x 2496p / 24 fps
 - 3328 x 2496p / 23.98 fps
 - 3328 x 2496p / 25 fps
- **High Definition:**
 - 1920 x 1080p / 59.94 fps
 - 1920 x 1080p / 50 fps
 - 1920 x 1080p / 29.97 fps
 - 1920 x 1080p / 24 fps
 - 1920 x 1080p / 23.98 fps
 - 1920 x 1080p / 25 fps
- **Aspect Ratio:** 4:3, 16:9
- **Audio Recording:**
 - Built-in Mic: With Video, Stereo
 - Optional External Mic: With Video, Stereo + Mono

Focus Control

- **Focus Type:** Auto & Manual
- **Focus Mode:**
 - Continuous-servo AF (C)
 - Flexible (AFF)
 - Manual Focus (M)
 - Single-servo AF (S)
- **Autofocus Points:** Contrast Detection: 225

Viewfinder/Display

- **Viewfinder Type:** Electronic
- **Viewfinder Pixel Count:** 3,686,000
- **Viewfinder Eye Point:** 21.00 mm
- **Viewfinder Coverage:** 1
- **Viewfinder Magnification:** Approx. 0.76x
- **Diopter Adjustment:** - 4 to +3 m
- **Display Screen:** 3.2" Rear Touchscreen Swivel Touchscreen OLED (1,620,000)
- **Screen Coverage:** 1

Exposure Control

- **ISO Sensitivity:** Auto, 200-25600 (Extended Mode: 100-25600)
- **Shutter Type:** Electronic & Mechanical
- **Speed:** 60 - 1/8000 second
- **Type:** Electronic & Mechanical
- **Speed:**
 - 30 - 1 minute in Bulb Mode
 - 1/24 - 1/16000 second in Movie Mode
- **Type:** Electronic
- **Speed:** 1 - 1/16000 second
- **Remote Control:** DMW-RSL1 (Optional)
- **Metering Method:** Center-weighted average metering, Multiple, Spot metering
- **Exposure Modes** Aperture Priority, Manual, Programmed Auto, Shutter Priority
- **Metering Range:** EV 0.0 - EV 18.0
- **Compensation:** -5 EV to +5 EV (in 1/3 EV steps)
- **White Balance Modes:** Auto, Cloudy, Color Temperature, Daylight, Flash, Incandescent, Shade, White Set 1, White Set 2, White Set 3, White Set 4
- **Continuous Shooting:**
 - Up to 12 fps at 20.3 MP
 - Up to 30 fps at 18 MP
 - Up to 60 fps at 8 MP

Flash

- **Flash Modes:**
 - Auto
 - Auto/Red-eye Reduction
 - Forced On
 - Forced On/Red-eye Reduction
 - Off
 - Slow Sync
 - Slow Sync/Red-eye Reduction
 - **Built-in Flash:** No
 - **Max Sync Speed:** 1 / 250 seconds
 - **Flash Compensation:** -3 EV to +3 EV (in 1/3 EV steps)
 - **Dedicated Flash System:** TTL
 - **External Flash Connection:** Hot Shoe
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Performance

- **Self-Timer:** 10 seconds, 2 seconds
 - **Interval Recording:** Yes
 - **Connectivity:** 1/8" Headphone, 1/8" Microphone, 2.5mm Sub-mini (2-Ring), HDMI A (Full Size), USB 3.0, Viera Link
 - **Wi-Fi Capable:** Yes
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Power

- **Battery:** 1x DMW-BLF19 Rechargeable Lithium-ion Battery Pack, 7.2 VDC, 1860 mAh
 - **Operating/Storage Temperature:**
 - 14 to 104°F (-10 to 40°C)
 - Humidity: 10 - 80%
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Dimensions / Weight

- **Dimensions (WxHxD):** 5.5 x 3.9 x 3.4" / 138.5 x 98.1 x 87.4 mm
- **Weight:** 1.60 lb / 725 g with battery and memory card