

Specifications

Specifications are subject to change without notice.

Digital Camera Body (DC-G9):

Information for your safety

Power Source:	DC 8.4 V (8.4 V ---)
Power Consumption:	4.0 W (When recording with Monitor) (When the Interchangeable lens (H-ES12060) is used)
	3.0 W (When playing back with Monitor) (When the Interchangeable lens (H-ES12060) is used)

Camera effective pixels	20,330,000 pixels	
Image sensor	4/3" Live MOS sensor, total pixel number 21,770,000 pixels, Primary color filter	
Digital Zoom	2×/4×	
Extended Tele Conversion	When taking still pictures: Max. 2× (When a picture size of [S] is selected.) When recording motion pictures: 2.7× (FHD)/1.4× (4K)	
Focus mode	AFS/AFF/AFC/MF	
Auto focus mode	Face/Eye Detection/Tracking/225-area-focusing/Custom Multi/1-area-focusing/Pinpoint (Focus area selection is possible by touching or with the joystick)	
Shutter type	Focal-plane shutter	
Burst recording		
Burst speed	Mechanical shutter/ Electronic Front Curtain	12 pictures/second (High speed, AFS/MF), 9 pictures/second (High speed, AFF/AFC), 7 pictures/second (Middle speed), 2 pictures/second (Low speed)
	Electronic shutter	60 pictures/second (Super high speed, AFS/MF), 20 pictures/second (Super high speed, AFF/AFC), 12 pictures/second (High speed, AFS/MF), 9 pictures/second (High speed, AFF/AFC), 7 pictures/second (Middle speed), 2 pictures/second (Low speed)

Number of recordable pictures	Super high speed	When there are RAW files: 50 pictures When there are no RAW files: 50 pictures
	High speed, Middle speed, Low speed	When there are RAW files: 60 or higher pictures When there are no RAW files: 600 or higher pictures * When recording is performed under the test conditions specified by Panasonic
ISO sensitivity (Standard Output Sensitivity)	Still picture: AUTO/ $\frac{1}{2}$ ISO/100*/200/400/800/1600/3200/6400/12800/25600 Creative Video Mode: AUTO/100*/200/400/800/1600/3200/6400/12800 (1/3 EV step change possible) * Only available when [Extended ISO] is set.	
Minimum Illumination	Approx. 3 lx (when i-Low light is used, the shutter speed is 1/30th of a second) (When the Interchangeable lens (H-ES12060) is used)	
Shutter speed	Still picture: B (Bulb) (Max. approx. 30 minutes), 60 seconds to 1/8000th of a second (Mechanical shutter), B (Bulb) (Max. approx. 30 minutes), 60 seconds to 1/2000th of a second (Electronic Front Curtain), 1 second to 1/32000th of a second (Electronic shutter) Motion picture: 1/25th of a second to 1/16000th of a second	
Metering range	EV 0 to EV 18	
White Balance	AWB/AWBc/Daylight/Cloudy/Shade/Incandescent lights/Flash/ White set1, 2, 3, 4/White Balance K set1, 2, 3, 4	
Exposure (AE)	Program AE/Aperture-priority AE/Shutter-priority AE/Manual exposure	
Exposure Compensation	1/3 EV Step, -5 EV to +5 EV	
Light metering system, Light metering mode	1728-zone multi-pattern sensing system, Multiple/Center weighted/Spot	
Monitor	3" TFT LCD (3:2) (Approx. 1,040,000 dots) (field of view ratio about 100%) Touch screen	

Viewfinder	OLED Live Viewfinder (4:3) (Approx. 3,680,000 dots) (field of view ratio about 100%) (Magnification approx. 1.66×, 0.83× (35 mm film camera equivalent), with 50 mm lens at infinity; -1.0 m^{-1}) (with diopter adjustment -4 to $+3$ diopter)
Flash Mode	AUTO, AUTO/Red-Eye Reduction, Forced ON, Forced ON/Red-Eye Reduction, Slow Sync., Slow Sync./Red-Eye Reduction, Forced OFF
Flash synchronization speed	Equal to or smaller than 1/250th of a second
Microphone	Stereo
Speaker	Monaural
Recording media	SD Memory Card/SDHC Memory Card*/SDXC Memory Card* (* Card slot 1/Card slot 2: UHS-I/UHS-II UHS Speed Class 3) Double slot recording function is available.
Picture size	
Still picture	When the aspect ratio setting is [4:3] 4992×3744 pixels (6K photo), 3328×2496 pixels (4K photo), 5184×3888 pixels ([L]), 3712×2784 pixels ([M]), 2624×1968 pixels ([S]), 10368×7776 pixels ([XL])* , 7296×5472 pixels ([LL])* When the aspect ratio setting is [3:2] 5184×3456 pixels (6K photo), 3504×2336 pixels (4K photo), 5184×3456 pixels ([L]), 3712×2480 pixels ([M]), 2624×1752 pixels ([S]), 10368×6912 pixels ([XL])* , 7296×4864 pixels ([LL])* When the aspect ratio setting is [16:9] 3840×2160 pixels (4K photo), 5184×2920 pixels ([L]), 3840×2160 pixels ([M]), 1920×1080 pixels ([S]), 10368×5832 pixels ([XL])* , 7296×4104 pixels ([LL])* When the aspect ratio setting is [1:1] 2880×2880 pixels (4K photo), 3888×3888 pixels ([L]), 2784×2784 pixels ([M]), 1968×1968 pixels ([S]), 7776×7776 pixels ([XL])* , 5472×5472 pixels ([LL])* * When recording in [High Resolution Mode]
Recording quality	
Motion pictures	[Rec Format]: [AVCHD]/[MP4] Refer to P65 of this document for details. Refer to P67 of this document for details about High Speed Video.
Quality	RAW/RAW+Fine/RAW+Standard/Fine/Standard

Recording file format		
Still Picture	RAW/JPEG (based on "Design rule for Camera File system", based on "Exif 2.31" standard)	
6K/4K photo (burst file)	6K photo: MP4 (H.265/HEVC, AAC (2 ch)) 4K photo: MP4 (H.264/MPEG-4 AVC, AAC (2 ch))	
Motion pictures	AVCHD Progressive/AVCHD/MP4	
Audio compression	AVCHD	Dolby Audio™ (2 ch)
	MP4	AAC (2 ch), LPCM* (2 ch, 48 kHz/16 bit) * When selecting [4K/150M/60p]
Interface		
[REMOTE]	Ø 2.5 mm jack	
[MIC]	Ø 3.5 mm jack	
Headphone	Ø 3.5 mm jack	
HDMI	HDMI Type A	
USB	Super Speed USB 3.0 GEN1/USB 3.0 Micro-B	
Flash synchro	Available	
Dimensions	Approx. 136.9 mm (W)×97.3 mm (H)×91.6 mm (D) (5.39" (W)×3.83" (H)×3.61" (D)) (excluding the projecting parts)	
Mass (Weight)	Approx. 658 g/1.45 lb (with one card and the battery) Approx. 586 g/1.30 lb (camera body) Approx. 978 g/2.16 lb (with the Interchangeable lens (H-ES12060), one card and the battery)	
Operating temperature	-10 °C* to 40 °C (14 °F* to 104 °F) * The performance of the battery (number of recordable pictures/operating time) may decrease temporarily when using in a temperature between -10 °C and 0 °C (14 °F and 32 °F) (cold places such as ski resorts or places at high altitude).	

Operating humidity	10%RH to 80%RH
Dust-proof and splash-proof	Yes
Language select	[ENGLISH]/[DEUTSCH]/[FRANÇAIS]/[ESPAÑOL]/ [PORTUGUÊS]/[ITALIANO]/[繁體中文]/[日本語]

Wireless transmitter

Wireless LAN	
Compliance standard	IEEE 802.11a/b/g/n/ac (standard wireless LAN protocol)
Frequency range used (central frequency)	2412 MHz to 2462 MHz (1 to 11 ch) 5180 MHz to 5320 MHz (36/40/44/48/52/56/60/64 ch) 5745 MHz to 5825 MHz (149/153/157/161/165 ch)
Encryption method	Wi-Fi compliant WPA™/WPA2™
Access method	Infrastructure mode
Bluetooth function	
Compliance standard	Bluetooth v4.2 (Bluetooth low energy (BLE))
Frequency range used (central frequency)	2402 MHz to 2480 MHz

Battery Charger (Panasonic DMW-BTC13):

Information for your safety

Input:	5.0 V \equiv 1.8 A
Output:	8.4 V \equiv 0.85 A
Operating temperature:	0 °C to 40 °C (32 °F to 104 °F)

AC adaptor (Panasonic VSK0815F):

Information for your safety


Input:	110 V – 240 V \sim 50/60 Hz 0.25 A
Output:	5.0 V \equiv 1.8 A
Operating temperature:	0 °C to 40 °C (32 °F to 104 °F)

Battery Pack (lithium-ion) (Panasonic DMW-BLF19PP):

Information for your safety

Voltage/capacity:	7.2 V/1860 mAh
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The symbols on this product (including the accessories) represent the following:

\sim	AC
\equiv	DC
	Class II equipment (The construction of the product is double-insulated.)