

LEGRIA HF G50

STEP UP TO 4K

The LEGRIA HF G50 is an easy-to-use 4K camcorder boasting a 1/2.3-Type sensor plus manual controls and premium optics and processing for superior image quality. Designed to capture passions and special family moments in bright, vivid detail, it's the perfect upgrade into the 4K world.



- Capture every detail with ease
- Film best ever moments like a pro
- Compose and control with the touch of a finger
- Make life easy and shoot it your way
- Plug more in, get more out



Touch Screen



8-Bladed Iris

PRODUCT RANGE



LEGRIA GX10

LEGRIA GX10
LEGRIA HF G60
LEGRIA HF G50



LEGRIA HF G60



LEGRIA HF G50

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TECHNICAL SPECIFICATIONS

LEGRIA HF G50

VIDEO SYSTEM

Recording Formats
Recording Medium

MP4
•SDXC / SDHC / SD (2 slots)
•Double slot recording
•Relay recording
Variable total, depending on memory card size¹
64GB SDXC card: 24hrs 30mins^{2,3} (not supplied)

Max Recording Time

SENSOR

Type
Total Pixels
Effective Pixels: Movie
Effective Pixels: Still
Filter

1/2.3 Type CMOS
Approx 21.14MP
Approx 8.29MP (3840x2160)
RGB Primary Colour Filter

LENS

Optical Zoom
Digital Zoom
Focal Length
35mm Equivalent Focal Length

20x
400x
3.67 - 73.4mm
UHD 4K:
•29.3 - 601 (Dynamic IS Off)
•30.6 - 612 (Dynamic IS On)
Full HD / HD
•30.5 - 627 (Dynamic IS Off)
•32.0 - 640 (Dynamic IS On)
f1.8 - f2.8

Maximum Aperture

Aperture Type
Minimum focusing distance
Image Stabilizer
Filter diameter
Teleconverter Attachment
Wide Attachment Accessory
Wide Attachment Included
Lens Cover

8 Blade Circular Diaphragm
10mm at wide end
Optical Image Stabiliser (Powered IS/Dynamic mode)
58mm
Optional TL-H58 (not included)
Optional WD-H58 (not included)
No
Included cap, plus integrated cover on lens hood

IMAGE PROCESSOR

Image Processor
Face Detection Technology

DIGIC DV 6
Yes

MINIMUM ILLUMINATION

Minimum Lux.
Night Mode
Auto Gain Control Limit Adjustment

4.2 lux
Low Light (0.3 lux)
Yes

FOCUS

Auto/Manual
Focusing System
Control

Yes / Yes
Hybrid AF and Normal AF
Auto:
•Face Detection AF
•Face Only AF
•Instant AF
•Medium AF

Manual:
•Lens Ring
•Touchscreen LCD
•Focus Preset

Manual Focus Assist

Peaking, Magnification

CREATIVE FEATURES

Slow Motion Recording
Fast Motion Recording
Touch Decorations
Story Creator

1/2 speed
2x, 4x, 10x, 20x, 60x, 120x, 1200x
No
No

EXPOSURE CONTROL

Shooting Mode

Auto Mode:
Manual Mode:
•P, Tv, Av, M
•Scenes - Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks
Yes

Exposure Lock

BACKLIGHT COMPENSATION

Backlight Compensation

Yes (auto or user controlled)

WHITE BALANCE

Type
Auto
Set/Preset

FAWB
Yes
Set 1, Set 2, Daylight, Shade, Cloudy, Tungsten, Fluorescent, Fluorescent H, Colour Temperature 2,800K to 8,000K

Auto Adjustment Range

SHUTTER SPEED

Maximum
Slow

1/2000 sec
1/2 sec

IMAGE QUALITY ADJUSTMENT

Custom Functions

Brightness, Contrast, Sharpness, Colour Depth

CUSTOM CONTROL

Custom Control

5 buttons plus dial

STILL IMAGE

Resolution
Simultaneous Photo Recording
Photo Button

3840x2160 / 1920x1080
Yes
Touchscreen

REC. REVIEW/REC. SEARCH

Rec. Review

Yes

RECORDING MODE

Recording Format
Recording Mode

MP4
•3840x2160 25p 150Mbps
•1920x1080 50p 35Mbps
•1920x1080 25p 35Mbps, 17Mbps

Progressive Shooting Mode

50p, 25p

Dual / Relay Recording
Slow and Fast Motion Recording

Yes
Yes

Multi Directional Inverted

Yes

OTHERS

Pre REC
Zebra patten
Onscreen Markers
Colour Bars and Test Tone
Timecode Support

Yes
Yes
Yes (Level (White/Gray) and Grid (White/Gray))
Off/EBU/SMPTE
Rec Run/Free Run

SCREEN

Screen size
Vari-Angle
Pixels
Touchscreen
Touch Tracking
Touch Focus
Touch Exposure
Manual adjustment

3" (7.5cm), 100% view
Yes
460,000 dots equivalent
Yes
Yes
Yes
Yes
Colour balance, brightness standard/high

VIEWFINDER

Screen Size
Pixels

0.24" (0.61cm), 100% view
1.56m dots equivalent



TECHNICAL SPECIFICATIONS

LEGRIA HF G50

GPS SUPPORT

GPS Support Yes (Optional GPS receiver GP-E2 supported)

EXTERNAL HDD STORAGE

Direct storage to external HDD No

MEMORY CARD

Recording Media SD / SDHC / SDXC

Movie Recording Yes

Internal Data Transfer Yes

AUDIO

Built-in Microphone Stereo Electret Condenser Mic

Audio Format AAC 16 bit 2CH / LPCM 16 bit 4CH

Audio Scene Select Standard / Music / Festival / Speech / Meeting / Forest and Birds / Noise Suppression / Custom settings

Zoom Microphone Yes

Manual Rec. Level Control Yes

Audio Adjustments Built in:
•Mic Wind Screen, Mic Attenuate, Mic Frequency Response, Directionality
Input Jack:
•Mic Attenuate, Mic Low Cut,

TERMINAL

HDMI Yes (HDMI Mini Connector: v1.3, output only)

Headphone Yes (3.5mm stereo mini jack)

Microphone Yes (3.5mm stereo mini jack)

USB Yes (Mini B, USB 2.0 Hi-Speed)

Component No

Memory Card Yes (2 slots)

Remote Terminal Yes (2.5mm stereo mini-mini jack)

DC In Yes

Tripod Mount Yes

ACCESSORY SHOE

Accessory Shoe Yes (Cold shoe and mini Advanced Accessory Shoe)

PC CONNECTION KIT

Application Software Via Download

USB Cable Not Supplied

BATTERY PACK

Type Lithium Ion

Battery Included in the Kit BP-820

Max Recording Time (Included Battery) 125 mins

Long Life Battery BP-828

Longer Recording Time 190 mins¹

DIMENSIONS

W x H x D 115 x 84 x 231 mm (with lens hood)

Weight 875 g (with lens hood, battery, and card)

Canon Inc.
canon.com
Canon Europe
canon-europe.com
English edition
Canon Europa NV 2019

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Sales Start Date: April 2019



PRODUCT DETAILS:

Product Name	Mercury Code	EAN Code
LEGRIA HF G50	3667C003AA	4549292139679

OPTIONAL ACCESSORIES

Accessories	Mercury Code	EAN Code
Battery BP-820	8597B002AA	4960999984490
Battery BP-828	8598B002AA	4960999984520
Battery Charger CG-800	2590B003AA	4960999612188
Battery Charger CG-800E(B)	2590B006AA	4960999610573
Remote Controller RC-V100	9660B001AB	4549292014013
Video Light VL-10Li II	1729B001AA	4960999408316
Shoulder Strap SS-600	3122A001BA	4960999605913
Shoulder Strap SS-650	3123A001BA	4960999605951
Wrist Strap WS-20	3118A001BA	4960999600314
Soft carrying case SC-2000	9389A001AA	4960999209852
HDMI cable HTC-100	2384B001AA	4960999530383
GPS receiver GP-E2	6363B001AA	4960999848358
Tele-converter TL-U58	2493C001AA	4549292105391
Wide attachment WA-U58	2494C001AA	4549292105407

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MEASUREMENT / LOGISTIC INFORMATION:

Product Name	Mercury Code	Pack type	Pack description	Quantity per pack	Length (mm)	Width (mm)	Height (mm)	Gross Weight (kg)
LEGRIA HF G50	3667C003AA	EA	Each	1	271	187	206	1.84
		CT	Carton	2	387	284	227	4.23
		EP	Euro Pallet	64	120	80	105.8	145
			Layers per Pallet	4				
			Cartons per Layer	8				
			Products per layer	16				

What's in the box?

- LEGRIA HF G50
- Battery Pack BP-820
- Compact Power Adapter CA-570
- AC Cable
- User Manual

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