

LEGRIA HFR87



Effortlessly capture good looking, great sounding movies

Capture and share precious memories in superb quality movies with great sound using this versatile connected camcorder, which has a big 57x Advanced Zoom, huge extra digital zoom, a wide-angle adaptor and a long lasting battery.



- Enjoy stunning Full HD quality movies that automatically sound as good as they look with powerful DIGIC DV 4
- Get creative with slow and fast motion recording, Touch Decoration, Cinema-Look Filters and advanced Baby Mode
- Film comfortably for longer with light, compact design; simply point, shoot and share wirelessly with touchscreen control
- Capture steady versatile movies using 57x Advanced Zoom with extra digital zoom, wide-angle adaptor, Image Stabilizer and Zoom Framing Assist
- Record for longer on a single charge of the high-capacity battery; simultaneously record in both keep and share formats

Product Range



LEGRIA HF R87



LEGRIA HF R88



LEGRIA HF R86

LEGRIA HF R87
LEGRIA HF R88
LEGRIA HF R86
LEGRIA HF R806

Technical Specifications

VIDEO SYSTEM

Recording Formats

AVCHD/MP4
Simultaneous Recording Possible

Recording Medium

- 16GB built-in flash memory
- SDXC / SDHC
- Relay recording

Max Recording Time

Variable total, depending on memory card size ^[1]
Internal memory: AVCHD mode, 3hrs ^[2]
MP4 mode: 4hrs 20mins
64GB SDXC card (not supplied): AVCHD mode,
24hrs 30mins ^[2]
MP4 Mode, 34hrs 45mins

SENSOR

Type

1/4.85 type full HD CMOS sensor

Total Pixels

3.28 megapixel

Effective Pixels: Movie

2.07 megapixels ^{[1] [2]}

Effective Pixels: Still

2.07 megapixels (16:9)

Filter

Bayer pattern filter

LENS

Advanced Zoom

57x

Optical Zoom

32x

Digital Zoom

2850x

Focal Length

2.8 mm - 89.6 mm

35mm Equivalent Focal Length

32.5 mm - 1853 mm /
(38.5 mm-1232 mm: Advanced zoom off)

Maximum Aperture

f1.8 - f4.5

Minimum focusing distance

10 mm

Image Stabilizer

Optical Image Stabilizer; Intelligent IS with Advanced Dynamic Mode

Wide Attachment Included

Yes

Lens Cover

Integrated

IMAGE PROCESSOR

Image Processor

DIGIC DV 4

Face Detection Technology

Yes

SCREEN

Screen size

7.5 cm (3.0") Touchscreen LCD, 100% view

Vari-Angle

Yes

Pixels

230,000 dots

Touchscreen

Yes - capacitive type touch panel

Touch Focus

Yes

Manual adjustment

Brightness, backlight

WI-FI FUNCTION

Wi-Fi

Yes

NFC

Yes

Remote Control & Streaming

YES (monitor in/out of home)¹, Supports optional Pan Table CT-V1 accessory

Web Service

YES

BABY MODE

Baby Mode

YES - register up to 3 children

EXTERNAL HDD STORAGE

Direct storage to external HDD

YES

MINIMUM ILLUMINATION

Minimum Lux.

4 lux

Night Mode

Low Light (0.4 lux)

Auto Gain Control Limit Adjustment

No

FOCUS

Auto/Manual

Yes / Yes

Control

- Auto:**
- Face Detection AF
 - TV AF

Manual:

- Touchscreen LCD
- Touch focus

Yes (magnification)

Manual Focus Assist

CREATIVE FEATURES

Slow Motion Recording

1/2 speed

Fast Motion Recording

2x, 4x, 10x, 20x, 60x, 120x, 300x, 600x, 1200x

Fast Motion Conversion

Yes

Video Snapshot

Yes

Touch Decorations

Yes

Cinema-Look Filters

Yes

AE MODE

Smart Auto

Yes (38 Scenes)

Program AE

Auto

M Mode:

P, Scn, (Portrait, Sports, Snow, Beach, Sunset, Night, Low Light, Spotlight, Fireworks)

Cinema Mode:

P
Baby Mode

BACKLIGHT COMPENSATION

Backlight Compensation

Yes (automatic or user control)

WHITE BALANCE

Type

TTL

Auto

Yes

Set/Presets

Daylight, Tungsten

SHUTTER SPEED

Maximum

1/2000sec

Slow

1/2sec (low light mode)

DIGITAL EFFECT

Fade

Auto Fade, Wipe

CUSTOM CONTROL

Custom Control

Yes (touch panel operations)

Technical Specifications

STILL IMAGE

Capture Image Size
Simultaneous Photo Recording
Photo Button

1920 x 1080 (not cinema mode)
Yes
Touchscreen LCD

SELF TIMER

Self Timer

10 sec

RECORDING MODE

Recording Format
Recording Mode

MP4 and AVCHD
Four AVCHD recording quality modes ^[1, 2]
50P: 1920 x 1080, 28Mbps;
MXP 50i/PF25: 1920 x 1080, 24Mbps;
FXP 50i/PF25: 1920 x 1080, 17Mbps;
LP 50i/PF25: 1440 x 1080, 5Mbps
Four MP4 quality recording modes ^[1, 2]
50p: 1920 x 1080, 35Mbps;
25p: 1920 x 1080, 24Mbps;
25p: 1920 x 1080, 17Mbps;
25p: 1280 x 720, 4Mbps

Progressive Shooting Mode

50p, 25p

Slow and Fast Motion Recording

Yes, with flexible speed during record

Highlight Priority Mode

Yes, with backlight correction

Video Snapshot

Yes

Pre REC

Yes

SEARCH

Date

Yes

MEMORY CARD

Secure Digital Card
Movie Recording
Internal Data Transfer

SD / SDHC / SDXC
Yes
Yes, movie and stills (internal memory to card)

AUDIO

System

Dolby Digital 2ch
AC3 2ch

Audio Scene Select

Yes

Zoom Microphone

No

Manual Rec. Level Control

Yes

TERMINAL

Headphone

Yes

Microphone

No

USB

Yes (Mini-B, Hi-Speed USB - Output Only)

AV

Yes (output only)

Component

No

HDMI

YES (HDMI™ Mini Connector: output only)

Built-in Charger

Yes

Tripod Mount

Yes

SMART FEATURES

Framing Assist
Quick Start
File Lock

Yes, manual and automatic
Yes (using LCD screen)
Yes

BATTERY PACK

Type
Intelligent Battery System
Battery Included in the Kit
Max Recording Time (Included Battery) ^[1]

Lithium Ion
Yes
BP-727
3hrs 15mins

DIMENSIONS

W x H x D
Weight

53 x 58 x 116
240g

Footnotes

R series

Max Recording Time

* 4Mbps recording mode

¹ For both AVCHD and MP4, class 4 or higher-speed memory cards are recommended.

² When AVCHD/MP4 recording has continued for 12 hours, it will automatically stop and then start again automatically

Effective Pixels: Movie

¹ Advanced Zoom ON, 16:9 recording mode, wide end

² Image Stabilizer mode set to Standard or Off

Remote Control & Streaming

¹ Requires installation of CameraAccess Plus app. Supported OS: iOS 7,iOS 8,iOS 9, Android / 4.0 / 4.1 / 4.2/4.3/4.4/5.0/5.1 'Out of home' monitoring function requires UPnP WLAN router and global IP address. Functionality Not guaranteed on all devices

Recording mode

¹ For both AVCHD and MP4, class 4 or higher-speed memory cards are recommended.

² Variable bit rate used in all recording modes

Battery Pack

¹ Normal LCD brightness

Specifications are subject to change without notice

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Sales Start Date: January 2017



Product Details:

Product Name	Mercury Code	EAN Code
LEGRIA HF R87	1959C003AA	4549292088328

Optional Accessories:

Product Name	Mercury Code	EAN Code
Battery Pack BP-718	6055B002AA	4960999819990
Battery Pack BP-727	6056B002AA	4960999840024
Compact Power Adapter CA-110E	5072B003AA	4960999781402
Battery Charger CG-700	6057B003AA	4960999847719
CANON High Speed HDMI CABLE HTC-100	2384B001AA	4960999530383
USB Adapter UA-100	5684B001AA	4960999796253
Soft Case SC-2000	9389A001AA	4960999209852
Camera Pan table CT-V1	9626B002AA	4549292014440
Connect Station CS100 EU22	9899B007AA	8714574627731

Measurement / Logistic Information:

Product Name	Mercury Code	Pack type	Pack description	Quantity per pack	Length (mm)	Width (mm)	Height (mm)	Net Weight (kg)	Gross Weight (kg)
LEGRIA HF R87	1959C003AA	EA	Each	1	222	140	129	0.67	0.895
		CT	Carton	6	406	299	277	5.37	6.29
		EP	Euro Pallet	108	1200	800	987	n/a	119
			Layers per Pallet	3					
			Cartons per Layer	6					
			Products per layer	36					

What's in the box?

- Canon LEGRIA HF R87
- Compact Power Adapter CA-110E
- Battery Pack BP-727
- USB Cable
- Mini-HDMI Cable
- Wide Attachment WA-H43

Canon