

LEGRIA HFR88



Simply capture precious family moments in stunning quality

Comfortably capture and share precious family moments thanks to an ergonomic design, versatile 57x Advanced Zoom with wide-angle and powerful technologies that ensure your movies look and sound great.



- Enjoy stunning Full HD quality movies that automatically sound as good as they look with powerful DIGIC DV 4
- Get creative with flexible 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 with 57x Advanced Zoom and Intelligent Image Stabilizer. Fit more in with wide-angle adaptor
- Record for longer to the in-built 16GB storage on a single charge of the high-capacity battery

Product Range



LEGRIA HF R88



LEGRIA HF R86



LEGRIA HF R806

LEGRIA HF R88
LEGRIA HF R86
LEGRIA HF R806

Canon

Technical Specifications

VIDEO SYSTEM

Recording Formats

Recording Medium

Max Recording Time

AVCHD/MP4
Simultaneous Recording Possible

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

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

Total Pixels

Effective Pixels: Movie

Effective Pixels: Still

Filter

1/4.85 type full HD CMOS sensor
3.28 megapixel
2.07 megapixels^[1 2]
2.07 megapixels (16:9)
Bayer pattern filter

LENS

Advanced Zoom

Optical Zoom

Digital Zoom

Focal Length

35mm Equivalent Focal Length

Maximum Aperture

Minimum focusing distance

Image Stabilizer

Wide Attachment Included

Lens Cover

57x
32x
1140x
2.8mm - 89.6mm
32.5mm - 1853mm /
(38.5mm-1232mm: Advanced zoom off)
f1.8 - f4.5
10mm
Optical Image Stabilizer: Intelligent IS with Advanced Dynamic Mode
Yes
Integrated

IMAGE PROCESSOR

Image Processor

Face Detection Technology

DIGIC DV 4
Yes

SCREEN

Screen size

Vari-Angle

Pixels

Touchscreen

Touch Focus

Manual adjustment

7.5cm (3.0") Touchscreen LCD, 100% view
Yes
230,000 dots
Yes - capacitive type touch panel
Yes
Brightness, backlight

WI-FI FUNCTION

Wi-Fi

NFC

Remote Control & Streaming

Web Service

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

BABY MODE

Baby Mode

YES - register up to 3 children

EXTERNAL HDD STORAGE

Direct storage to external HDD

Yes

MINIMUM ILLUMINATION

Minimum Lux.

Night Mode

Auto Gain Control Limit Adjustment

4 lux
Low Light (0.4 lux)
No

FOCUS

Auto/Manual

Control

Yes / Yes
Auto:
• Face Detection AF
• TV AF

Manual:
• Touchscreen LCD
• Touch focus

Yes (Magnification)

Manual Focus Assist

CREATIVE FEATURES

Slow Motion Recording

Fast Motion Recording

Fast Motion Conversion

Video Snapshot

Touch Decorations

Cinema-Look Filters

1/2 speed
2x, 4x, 10x, 20x, 60x, 120x, 300x, 600x, 1200x
Yes
Yes
Yes
Yes
Yes

AE MODE

Smart Auto

Program AE

Yes (38 Scenes)
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

Auto

Set/Preset

TTL
Yes
Daylight, Tungsten

SHUTTER SPEED

Maximum

Slow

1/2000sec
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

1920x1080 (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: 1920x1080, 24Mbps;
FXP 50i/PF25: 1920x1080, 17Mbps;
LP 50i/PF25: 1440x1080, 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
50p, 25p

Progressive Shooting Mode
Slow and Fast Motion Recording
Highlight Priority Mode
Video Snapshot
Pre REC

Yes, with flexible speed during record
Yes, with backlight correction
Yes
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
Zoom Microphone
Manual Rec. Level Control

Yes
No
Yes

TERMINAL

Headphone
Microphone
USB
AV
Component
HDMI
Built-in Charger
Tripod Mount

Yes
No
Yes (Mini-B, Hi-Speed USB - Output Only)
Yes (output only)
No
YES (HDMI™ Mini Connector: output only)
Yes
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 R88	1959C002AA	4549292060690

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 R88	1959C002AA	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 R88
- Compact Power Adapter CA-110E
- Battery Pack BP-727
- USB Cable
- Mini-HDMI Cable
- Wide Attachment WA-H43

Canon