Consumer Digital Video Camera	LEGRIA HF R86
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	1140x
Focal Length	2.8mm - 89.6mm
35mm Equivalent Focal Length	32.5mm - 1853mm / (38.5mm-1232mm: Advanced zoom off)
Maximum Aperture	f1.8 - f4.5
Minimum focusing distance	10mm
Image Stabilizer	Optical Image Stabiliser: Intelligent IS with Advanced Dynamic Mode
Wide Attachment Included	No
Lens Cover	Integrated
IMAGE PROCESSOR	
Image Processor	DIGIC DV 4
Face Detection Technology	Yes
SCREEN	
Screen size	7.5cm (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
Manual Focus Assist	Yes (Magnification)
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/Preset	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)
STILL IMAGE	
Capture Image Size	1920x1080 (not cinema mode)
Simulaneous Photo Recording	Yes
PHOTO BUTTON	Touchscreen LCD
SELF TIMER	
Self Timer	10 sec
RECORDING MODE	
Recording Format	MP4 and AVCHD
Recording Mode	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
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	SD / SDHC / SDXC
Movie Recording	Yes
Internal Data Transfer	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	Yes, manual and automatic
Quick Start	Yes (using LCD screen)
File Lock	Yes
BATTERY PACK	
Type	Lithium Ion
Intelligent Battery System	Yes
Battery Included in the Kit	BP-727
Max Recording Time (Included Battery)	3hrs 15mins
DIMENSIONS	
W x H x D	53 x 58 x 116
Weight	240g

All data is based on Canon standard testing methods except where indicated.
Subject to change without notice.

R series
Max Recording Time*
[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 Stabiliser 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
Movie Uploader
[1] Requires installation of MovieUploader app. Supported OS: iOS 6,iOS 7, iOS 8. Functionality Not guaranteed on all devices
Playback via Browser
[1] Supported OS: iOS5,iOS6,iOS7,iOS8 Android 2.3/ 3.2/ 4.0/ 4.1/ 4.2. Web browser must support HTML5. Functionality Not
Recording mode
[1] For both AVCHD and MP4, class 4 or higher-speed memory cards are recommended
*: 4Mbps MP4 recording mode
**: Normal LCD brightness and optional long life BP
Specifications are subject to change without notice