

# LEGRIA HFR106 Video Camera

High Definition – Flash Memory

**Canon**  
advanced simplicity®

LEGRIA

The Canon LEGRIA HFR range offers consumers an affordable HD video recorder with 20x Optical Zoom in a compact design

Powerful

The Canon LEGRIA HFR106, at a lightweight 270g, this compact Digital Video Camera offers HD video recording with a genuine Canon 1/5.5 inch HD CMOS Sensor, 20x Optical Zoom and record directly to SDHC/SD cards. The ultimate in compact HD Digital Video Cameras, you won't leave home without it.



## Key Features

### Compact, High Performance

- 20x Optical Zoom
- Canon HD System
- Light weight at a mere 270g

### Simple, Beautiful Image Quality

- Instant AF, Face Detection technology
- Image Stabilisation
- Intelligent Auto

### Simple, Enjoyable

- Records directly to SDHC/SD cards
- Dual Shot
- Electronic lens cover



### Flash Memory

Records video directly to memory card. Up to 12hrs 15min with 32GB SDHC Card.



### Fast Capture and Processing

True Progressive 1/5.5" HD CMOS sensor (1920 x 1080) for fast capture and processing and low power consumption



### HD Video Lens and Zoom

High precision aspheric video lens with 20x zoom

HD Video Lens



### High Speed Processing

DiGiC DV III image processor for high speed and quality processing of HD data



### Intelligent Auto and Face Detection

The camera automatically recognises the optimal shooting settings based on your environment (31 scenes)



### Dynamic Image Stability

Perfect when shooting while on the move



### Sharp Focusing on Demand

Instant AF for crisp and quick refocus to ensure optimum HD footage



### Video Snapshot v2

Capture a 2, 4 or 8 second series of video and create engaging movies from a sequence of these clips and play it back to music.



## Canon High Definition Camera System

Canon's complete high definition video camera system incorporating the HD CMOS sensor (1920 x 1080), genuine Canon HD Video Lens & powerful DiGiC DV III processor ensures you get the best HD filming results possible.

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## High Definition – Flash Memory

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| <b>LEGRIA HFR106 Technical Specifications</b> |   |
|---|---|
| <b>Video System</b>                           |   |
| Format Type                                   | Flash - SD / SDHC   |
| Sensor  | 1/5.5-inch, total pixel count of 2.39 Megapixel Canon HD CMOS sensor  |
| Image Processor                               | DiGiC DV III  |
| Video Data                                    | AVCHD 1080/50i, 1080/25P (Maximum AVCHD 17Mbps)   |
| Recording Modes                               | FXP 17Mbps / XP 12Mbps / SP 7Mbps / LP 5Mbps  |
| <b>Image Pixels</b>                           |   |
| Total Pixels                                  | 2.39 Megapixels   |
| Still Image                                   | 1.73 Megapixels   |
| Real Widescreen 16:9                          | 1.56 Megapixels   |
| <b>Lens</b>                                   |   |
| Optical / Digital                             | 20x / 400x  |
| Focal Length                                  | 3.0 –60.0mm   |
| Maximum Aperture                              | f/1.8 to f/3.0  |
| Minimum Focusing Distance (mm)                | 10 (wide angle)   |
| Shutter Speed                                 | 1/2-1/2,000 sec.  |
| Image Stabilizer                              | Electronic system (Dynamic IS provided, vector detection)   |
| Lens Cover                                    | Built-in Automatic  |
| <b>Focusing</b>                               |   |
| AF System                                     | Hi-Speed Instant Auto Focus, Normal Focus   |
| Focusing Range                                | Auto / Manual   |
| <b>Control/Balance</b>                        |   |
| Light Metering Method                         | Evaluative / Centre-weighted average  |
| Exposure Compensation                         | ±11 steps via joystick  |
| White Balance Mode                            | Auto, Daylight, Tungsten, Set   |
| <b>Illumination</b>                           |   |
| Min Illumination                              | 0.4 Lux (Low Light Mode)  |
| Low Light Mode                                | Yes (1/2 sec)   |
| Flash   | -   |
| Video Light                                   | -   |
| <b>LCD</b>                                    |   |
| View Screen / Pixels                          | Widescreen 2.7" / 112,000 Wide View Angle & Wide colour range   |
| Viewfinder (Colour)                           | -   |
| <b>Filming Models &amp; Controls</b>          |   |
| AE Program Modes                              | Auto / P / SCN / CINE progressive 25P   |
| Scene Modes                                   | Portrait / Sports / Night / Low light/ Snow / Beach / Sunset / Spotlight / Fireworks  |
| Move Effects                                  | Black & White / Sepia   |
| Fades   | Auto Fade / Wipe (Movie only)   |
| <b>Audio</b>                                  |   |
| Audio Data                                    | Dolby Digital 2-ch (AC-3 2ch)   |
| Audio Level Metering                          | Yes   |
| Wind Screen                                   | Auto / Off  |
| <b>Still Image Recording</b>                  |   |
| Capture Size                                  | 1.73 Megapixels   |
| Memory Card Type                              | SDHC / SD   |
| Still Image Resolution                        | 1920x1080, 1600x1200, 640x480   |
| Still Shooting Functions                      | 9-point AiAF  |
| <b>Power</b>                                  |   |
| Battery (standard)                            | Avg. 45min  |
| Charging Time                                 | 140 min   |
| Quick Start/Power Save                        | Yes, linked with LCD  |
| Built-in Charger                              | Yes   |
| <b>Interface</b>                              |   |
| Terminals                                     | USB 2.0 Hi Speed / mini HDMI / Component output / AV output   |
| Operating Platforms                           | Canon photo application software -<br>PC: Windows XP SP2/SP3, Vista (including SP1/SP2), Windows 7<br>Mac: OS X 10.4 to 10.6<br>Pixela ImageMixer 3 SE Software -<br>PC: Windows XP SP2/SP3, Vista SP1/SP2, Windows 7 |
| <b>General</b>                                |   |
| Self Timer                                    | 10 sec  |
| Search  | Calendar / Timeline / Date  |
| Dimensions W x H x D                          | 60 x 64 x 124mm   |
| Weight exc. battery (g)                       | Approx. 270g  |

### Included Accessories

- Battery Pack BP2L5
- Power Adapter CA-590
- Stereo Video Cable STV250N
- Component CTC100/S
- USB 2.0 Hi Speed Cable IFC-400PCU
- Manual/Photo Applications/Music Data Disc
- PIXELA Application disc

### Optional Accessories

- Battery Chargers
  - CB-2LWE
  - CBC-NB2 (Car Battery Charger)
- Battery Packs
  - NB-2LH
- Cables
  - Mini HDMI (HTC100 Mini terminal Type C)
- Cases
  - SC1000
  - SC2000
- DVD Burner DW100
- Memory Cards – SD / SDHC Class 4+ recommended for 1920 x 1080 recording