

LEGRIA HF21 Video Camera

High Definition – 64GB Dual Flash Memory

Canon
advanced simplicity®

LEGRIA

The pocket-sized High Definition video camera with 64GB built in memory that is durable, gives you up to 9hrs of recording and the latest in technology and advanced features.

Powerful

The LEGRIA HF21 is Canon's smallest, most stylish High Definition digital video camera ever. The combination of Canon's Super Range Optical Image Stabilizer (OIS), high resolution 3.3 megapixel image sensor and new DIGIC DV III processor, which records data at the maximum AVCHD rate of 24Mbps, result in delivering 1920x1080 Full HD video defined by vivid colours and exceptional detail. The camera is feature packed, with powerful zoom, versatile connectivity, and new recording features.



Key Features

Revolutionary Flash Memory

- Durable and reliable video camera that is vibration /shake resistant in compact design
- Flexible options to increase memory space
- Speedy operation from start up, to filming to download speeds
- Convenient storage and easy to transfer

Canon High Definition Image Quality

- Canon is a world leader in lens technology, No. 1 in broadcast and SLR lenses
- Exceptional sensitivity for low-light conditions with gapless micro-lens technology on CMOS sensor
- 3.3 MP photographic functions
- On-chip noise reduction for minimum grain and RGB layer filter for realistic colour reproduction
- Built-in video LED light and flash with red-eye reduction

Never Miss a Moment

- Dual shot allows you to record your movies and take your photos without switching modes.
- 0.8 seconds to start up

Additional Features for Creative Control

- Face Detection AF (auto focus) and AE (auto exposure) tracks faces and ensure that they are correctly focused.
- Pre REC buffers three seconds of movie footage while the LCD screen is open; when the record button is pressed, that action is captured as well.
- Auto Exposure Mode: Low Light / Night Scene



Dual Flash Memory up to 9hrs Recording

Records video to 64GB built-in flash memory and to memory card. 5hrs 55mins in highest quality to 64GB built-in only.



Fast Capture and Processing

True Progressive HD CMOS sensor (1920 x 1080) for fast capture and processing and low power consumption.



HD Video Lens and Zoom

High precision 37mm diameter aspheric video lens with 15x zoom.



High Speed Processing

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



Image Stability

Super Range Optical Image Stabilizer to compensate for vibration and hand-held movement.



Sharp Focusing on Demand

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



Face Detect

Up to 35 faces can be detected in a single frame, optimising shooting settings appropriately.



Dual Shot

Dual shot allows you to record your movies and take your photos without switching between modes.



Video Snapshot

Capture a four 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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LEGRIA HF21 Technical Specifications

Video System	
Format Type	Flash - SD / SDHC + 64GB Built In
Sensor	1/4" CMOS (3.31 MP)
Image Processor	DiGiC DV III
Video Data	AVCHD 1080/50i. 1080/25P (Maximum AVCHD 24Mbps)
Recording Modes	64GB Built In Only – MXP 24Mbps / FXP 17Mbps / XP 12Mbps / SP 7Mbps / LP 5Mbps
Image Pixels	
Total Pixels	3,890,000
Still Image	Yes
Real Widescreen 16:9	Yes
Lens	
Optical / Digital	15x / 60X / 300x HD Video Lens
Focal Length	4.1 – 61.5mm
Maximum Aperture	f1.8 to f3.2
Minimum Focusing Distance (mm)	10 (wide angle)
Shutter Speed	1/2-1/2,000 sec.
Image Stabilizer	Super Range OIS, Dynamic mode (movie mode only)
Lens Cover	Built-in Automatic
Focusing	
AF System	Hi-Speed Instant Auto Focus / TTL
Focusing Range	Auto / Manual / Forced Infinity
Control/Balance	
Light Metering Method	Evaluative / Centre-weighted average / Spot metering
Exposure Compensation	±11 steps via joystick
White Balance Mode	Auto, Daylight, Shade, Cloudy, Tungsten, Fluor, Fluoro H, Set
Illumination	
Min Illumination	0.4 Lux (Low Light Mode)
Low Light Mode	Yes (1/2 sec)
Flash	Yes - with red eye reduction
Video Light	LED Video Light
LCD	
View Screen / Pixels	Widescreen 2.7" / 211,000 Wide View Angle & Wide colour range
Viewfinder (Colour)	-
Filming Models & Controls	
AE Program Modes	Auto / P / Av / Tv / SCN / CINE progressive 25P
Scene Modes	Portrait / Sports / Night / Snow / Beach / Sunset / Spotlight / Fireworks/ Low light/ Underwater/ Surface
Effects	Art / Black & White / Sepia
Fades	Auto Fade / Wipe
Audio	
Audio Data	Dolby Digital 2-ch (AC-3 2ch)
Audio Level Metering	Manual audio level VR metering & control with adjustment via LCD
Wind Screen	Auto / Off
Still Image Recording	
Capture Sizes	3.31MP (4:3) and 2.99MP (16:9)
Memory Card Type	SDHC
Still Image Resolution	2100 x 1575
Still Shooting Functions	Auto Exposure Bracketing / High Speed Continuous Shooting / 9-point AiAF
Power	
Battery (standard)	Avg. 1hr 45min
Charging Time	155 min
Quick Start/Power Save	Yes, linked with LCD
Built-in Charger	Yes
Interface	
Terminals	USB 2.0 Hi Speed / mini HDMI / Component output / AV output / Microphone / Headphone/ Mini advanced shoe (RA-V1 supported)
Operating Platforms	PC: Windows XP SP2/SP3 / Vista (including SP1) , Mac: OS X 10.4 to 10.5
General	
Self Timer	10 sec / Remote 2 sec
Search	Calendar / Timeline / Date
Dimensions W x H x D	70 x 62 x 124mm
Weight incl. battery (g)	Approx. 400g

Included Accessories

- Battery Pack BP809 (B)
- Power Adapter CA-570
- Stereo Video Cable STV250N
- Component CTC100
- USB 2.0 Hi Speed Cable IFC-400PCU
- AC Cable
- Solution Disk DVSD V33.0 in Win/Mac
- Edit Software Pixela ImageMixer 3.SE
- Remote WL-D88

Optional Accessories

- Battery Chargers
 - CG800
- Battery Packs
 - BP819
 - BP827
- Cables
 - Mini HDMI (HTC100 Mini terminal Type C)
- Adaptor Lens
 - Wide Angle WD-H37 II
 - Teleconverter TL-H37
 - Filter Set FS-H37U
- Accessory Shoe
 - Directional Microphone DM100
 - Video Light VL-5
 - Video Flash Light VFL-2
- Cases
 - SC200
 - SC1000
 - SC2000
- DVD Burner DW100
- Waterproof case WP-V1
- Remote Control Adapter RA-1
- Zoom Remote Controller ZR-1000/ ZR-2000
- Memory Cards – SD / SDHC Class 4+ recommended for 1920 x 1080 recording