

The pocket-sized High Definition video camera with 32GB built in memory that is durable, gives you over 12hrs of recording and the latest in technology and advanced features.

The LEGRIA HF20 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.

Powerful



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 for simultaneous photo shooting while recording video
- 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.
- Photo Burst captures stills from a sequence of recorded video; 25 individual shots are created from a single second of video.
- 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.



Dual Flash Memory +12hrs Recording

Records video to 32GB built-in flash memory and to memory card. 2hrs 55mins in highest quality to 32GB 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

Stills, in up to 3.3 megapixels, can be taken at any point – even during video recording.



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.

LEGRIA HF20 Video Camera

High Definition – Dual Flash Memory

Canon
advanced simplicity®

LEGRIA HF20 Technical Specifications	
Video System	
Format Type	Flash - SD / SDHC + 32GB 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	32GB Built In Only - FXP 17Mbps / XP 12Mbps / SP 7Mbps / LP 5Mbps
Image Pixels	
Total Pixels	3,890,000
Still Image	Yes
Real Widescreen 16:9	Yes
Lens	
Advanced / 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	1/6-1/2,000 sec.
Image Stabilizer	Super Range OIS
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	0.2 Lux (Night Mode)
Night Mode	Yes (1/6 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
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	2.76MP (4:3) and 2.07MP (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
Operating Platforms	PC: Windows 2000 SP4 / XP SP2 / Vista Mac: OS X 10.3 to 10.4
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 (gms)	Approx. 340g

Included Accessories

- Battery Pack BP809 (B)
- Power Adapter CA-570
- Stereo Video Cable STV250N
- Component CTC100
- USB 2.0 Hi Speed Cable & AC Cable
- Solution Disk DVSD V30.0 in Win/Mac
- Edit Software Pixela ImageMixer 3.SE
- Remote WLD88

Optional Accessories

- Battery Chargers
 - CG800
- Battery Packs
 - BP808
 - BP819
- Cables
 - Mini HDMI (HTC100 Mini terminal Type C)
- Adaptor Lens
 - Wide Angle WDH37C
 - Teleconverter TLH37
 - Filter Set FSH37U
- Accessory Shoe
 - Directional Microphone DM100
- Cases
 - SC200
 - SC1000
 - SC2000
- DVD Burner DW100
- Media - SDHC Class 4+ recommended for 1920 x 1080 recording
- Memory Cards
 - SD / SDHC