

Canon

HDD
HARD DISK DRIVE

AVCHD™

HG10

HD CAMCORDER

FULL HD
1080



Fill Your Life with Full HD

www.canondv.com/hd

High Definition That's Highly Convenient

Propel your movie-making to the forefront of HD technology with the Canon HG10 HDD Camcorder. The HG10 records High Definition video in AVCHD format to an internal hard disk drive for long shooting and easy viewing. And prepare to be amazed by what you see. World-renowned Canon optics give your HD footage extraordinary detail and color, while exclusive Canon technology delivers full HD quality with precise focus and breathtaking clarity.

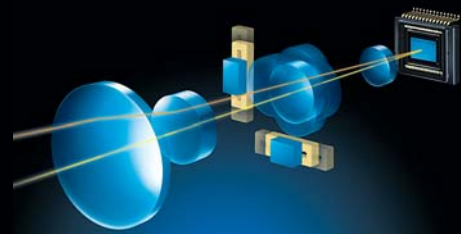
Genuine Canon Optics

The Canon name represents optical excellence, proven over decades as the first choice in lenses for professional broadcast and photography. The full Canon advantage shines in the HG10's 10x HD Video Zoom Lens. An aspherical lens achieves low aberration and high resolution, super spectra coating technology lowers flare and ghosting, and a gradation ND system provides superior exposure in bright light.



HD Video Lens

SuperRange Optical Image Stabilizer



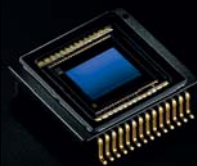
Canon's sophisticated SuperRange Optical Image Stabilizer corrects camera shake instantly, avoiding the blur that can mar hand-held video at long focal lengths. The system uses an advanced hybrid detection method and covers a wide range of typical movements to deliver clear, steady footage as well as sharp still images.



without SuperRange Image Stabilizer with SuperRange Image Stabilizer

Canon Full HD CMOS Sensor (1920 x 1080)

Canon brings its expertise in designing and manufacturing CMOS sensors for its celebrated EOS Digital SLR cameras to the HG10 Camcorder. With a Full HD CMOS sensor, the HG10 reproduces high resolution movies where images come to life with the ultimate in realistic detail as Full HD information is captured at 1920 x 1080.



Canon's advanced on-chip noise reduction technology ensures the purity of each pixel, so that even in dimly lit scenes, "noise" and other aberrations are minimized. An RGB Primary Color Filter with Bayer Pattern is employed to deliver a sharp HD image with vibrant, natural color.

DiGiC DV II Image Processor

Designed specifically for HD, DiGiC DV II is Canon's most advanced Image Processor. Digital signal processing provides optimal image quality for both HD video and still images. Color reproduction is extremely accurate, especially in skin tones and dark or light scenes, and noise is minimized for ultimate clarity. In addition, reduced power consumption gives you longer shooting time.



AVCHD Format

The HG10 uses the very latest standard developed for High Definition: AVCHD. By compressing video twice as efficiently as conventional methods, the AVCHD standard enables High Definition video to be recorded on a hard disk drive.



Instant AF



Focus is critical with high resolution HD video, and Canon's next-generation Instant AF technology delivers fast, accurate focus even in



HDD HARD DISK DRIVE 40GB

HDD Recording

Using AVCHD, the ultra-efficient codec for High Definition, the HG10 records High Definition video to a hard disk drive (HDD) for longer recording time, ultimate HD quality, and superior ease in viewing your footage in playback mode or on your TV or computer. Precision engineering ensures the HDD's durability and resistance to impact and vibration. The camcorder's HDMI terminal is the new standard in HD connection, transporting a High Definition video signal with audio in one cable to your HD TV.



Photo Grabbing feature lets you "grab" a 2.0 Megapixel still from your footage

light, Histogram Display to give you the brightness information you need to make adjustments on successive shots, and one-touch printing and downloading of your images with a Print & Share button.

24p Cinema Mode and Program AE Mode



24p Cinema Mode ramps up your creativity, allowing you to achieve a professional film-like look. Two flexible modes can be used together or independently. The first lets you match the frame rate of movie film by setting the camcorder's frame rate to 24p. The second is the HG10's CINE setting, which adjusts the color and tonal characteristics to evoke the look and feel of a big-screen movie theater film. Convenient preset scene modes in Program AE automatically produce the best exposure for Portrait, Sports, Night, Snow, Beach, Sunset, Spotlight and Fireworks.

challenging situations. Using an advanced hybrid control system, Instant AF provides quick, sharp focus even when shooting at night, in high brightness, and when following a moving subject.

Convenient Viewing and Expert Control

You'll get a superb view of what you're shooting with the camcorder's big Widescreen Multi-Angle Vivid LCD. The picture is clear from any direction, and color is robust and accurate. Access the menu and search for scenes with a fast, easy Navigation Control Dial on LCD panel. The HG10 has many features designed to give your movies professional polish. The Focus Assist Button (for use in manual focus mode) provides critical video zoom and peaking (enhanced image



Navigation Control Dial on LCD panel



contours) to ensure perfect focus. The Level Shot Control button displays a horizontal marker for level shooting, and easily visible Grid marker lines help give your footage proper balance. Variable Zoom Speed Control has 3 pre-set zoom speeds for perfectly controlled zooming.

Advanced Photo Features 3.1 MEGA PIXELS STILL IMAGE RECORDING

The HG10 Camcorder is also an advanced Canon camera. Capture beautifully detailed 3.1 Megapixel still shots onto a miniSD card. If a great shot happens while you're shooting video, simply press the photo button to record a 2.0 Megapixel image. With the new Photo Grabbing feature, you can also "grab" a 2.0 Megapixel still from your footage just by pressing a button in playback. Other high-end still camera features include: 9-point AiAF that sharply focuses even off-center subjects, a built-in flash for superior shots indoors and in low



Professional Features and Usability

The HG10 features microphone and headphone terminals for added flexibility. A Quick Start button conserves power: press to place the camcorder in standby mode, press again for immediate use. The Built-in Ultra Video Light lets you shoot subjects in color in low light at distances up to 4.9



feet. A built-in electronic lens cover automatically opens when the camera is turned on and closes when turned off: no dangling lens cover to lose or get in the way. With the Advanced Accessory Shoe, you can expand your capabilities by attaching accessories like a video light or directional microphone.



Quick Start

off: no dangling lens cover to lose or get in the way. With the Advanced Accessory Shoe, you can expand your capabilities by attaching accessories like a video light or directional microphone.

Easy Editing

The HG10 is bundled with a powerful software suite from Corel (compatible with Windows XP & Vista). You can easily perform a variety of functions, including AVCHD Editing in which you can trim, reorder and combine scenes, as well as add music, titles and transitions. When finished, you can burn your edited video onto either a full size AVCHD or Standard Definition DVD. Also included is a Backup Utility Disc which will allow you to back up your video recordings safely onto a computer's hard disk.



HG10 KIT

- HG10 AVCHD HDD Camcorder
- Battery Pack BP-2L13
- Compact Power Adapter CA-570
- Stereo Video Cable STV-250N
- Wireless Controller WL-D86
- USB Interface Cable IFC-400PCU
- Component Cable CTC-100/S
- Digital Video Solution Disc (Windows & Macintosh)
- Corel Application Disc (compatible with Windows XP & Vista)
- Backup Utility Disc

SPECIFICATIONS

Recording Format: HD: AVCHD (MPEG 4 AVC/H. 264)

Recording Media: Hard Disk Drive 40 GB (Internal)

Recording Time: XP+: 5 hrs 30 min; XP: 9 hrs 30 min; SP: 11 hrs 30 min; LP: 15 hrs

Image Sensor: 1/2.7 inch Full HD CMOS sensor, RGB Primary Color Filter

Total Pixels: approx. 2.96 megapixels

Effective Pixels: Movie (hard disk drive): approx. 2.07 megapixels (1920 x 1080); Still (card): approx. 2.76 megapixels (1920 x 1440)

Minimum Subject Illumination: 0.2 lx (Night mode)

Recommended Illumination: More than 100 lx

Lens: f=6.1–61mm, f/1.8–3.0 (hard disk drive); f/2.8–3.0 (card), 10x zoom

Optical Zoom: 10x

Digital Zoom: 40/200x movies only

Focusing System: Instant AF, Manual

Minimum Focusing Distance: 10mm (Wide), 1m (Tele)

LCD Screen: 2.7-inch Widescreen Multi-Angle Vivid color (approx. 211,000 pixels), wide viewing angle, wide color range, hard coat AR treatment

Viewfinder: 0.27-inch Widescreen TFT Color (approx. 123,000 pixels)

Image Stabilizer: SuperRange Optical Image Stabilizer

Filter Diameter: 43mm

Lens Cap: Built-in type (electronically opens and closes)

AE Mode: Program AE: AUTO, Program (P, Av, Tv), CINE, SCN (Portrait, Sports, Night, Snow, Beach, Sunset, Spotlight, Fireworks)

White Balance: Auto, Preset (Daylight, Shade, Cloudy, Tungsten, Fluorescent, Fluorescent H, Set), (TTL, 128 segments)

Audio Recording: Dolby Digital 2ch (AC-3 2ch)

Still Image Recording: miniSD Card only (not included); Recording sizes: Small (640 x 480), Medium (1440 x 1080), Large (2048 x 1536), Large Wide (1920 x 1080), Small Wide (848 x 480 movie mode only)

HDMI Terminal: Type C (19 pins), 480i / 480P / 1080i Format supported

Component Terminal: 1080i/480i compatible

USB Port: mini-B. Supports USB 2.0 Hi-Speed

Dimensions (W x H x D): approx. 3.2 x 3.0 x 5.1 in./81 x 75 x 129mm

Weight (Camcorder body only): approx. 1.1 lb/505g

Display Languages: English, Spanish, German, French, Italian, Russian, Polish, Romanian, Turkish, Ukrainian, Arabic, Persian, Korean, Simplified/Traditional Chinese, Thai, Japanese

Use of genuine Canon accessories is recommended; this product is designed to achieve excellent performance optimally when used with genuine Canon accessories.

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Warning: Unauthorized recording of copyrighted materials may infringe on the rights of copyright owners and be contrary to copyright laws.

OPTIONAL ACCESSORIES



Battery Pack NB-2LH, BP-2L14, BP-2L24H

Extra battery pack for extended recording time.



Battery Charger CB-21W

Charges battery packs from a household power source.



Tele-Converter TL-H43

Increases focal length by 1.5x.



Wide-Converter WD-H43

Gives wide-angle coverage at 0.7x.



Filter Set FS-43U II

Includes Neutral Density Filter ND8 and MC Protector.



Mini-HDMI Cable HTC-100

For uploading high-resolution images.



Directional Microphone DM-50

Connects to the Advanced Accessory Shoe. No cables or additional power required.



Video Flash Light VFL-1

Combination flash and video light. Attaches to the Advanced Accessory Shoe for cable-free operation.



Video Light VL-3

Provides extra brightness in low-light situations. No cables or additional power required.



Soft Carrying Case SC-2000

Protect your camcorder with this professional-quality carrying case, featuring secure compartments for filters and extra battery packs.

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