

For the Japanese Market Only:

May 9, 2006

JVC Introduces Hard Disk Camcorder Everio GZ-MG505 World's First Internal Hard Disk Camcorder with 3CCD Camera System With over seven hours of high-quality video recording capability

Victor Company of Japan, Limited (JVC) has announced the upcoming release of the Everio GZ-MG505, a new model featuring the industry's first*¹ 3CCD camera system in a video camera with an internal hard disk drive.

In addition to the extended recording time, elimination of the need for using and replacing tapes, discs, or other kinds of media, and compact, lightweight body that distinguish the Everio series, the new models also incorporate the 3CCD camera system to achieve further improvements in video image quality and 5MB still image recording.

Product description	Marketing name	Model	HDD capacity	CCD (total number of pixels)	MSRP (Yen: Tax Included)	Release Date	Monthly Production
Hard Disk Camcorder	Everio	GZ-MG505-S/-B	30GB	1.33 mega-pixels* ² x 3CCD	Open	Beginning of June 2006	6,000 units

(S: Clear Silver, B: Solid Black)

*1: In family-use camcorder class, with built-in hard disk drive (JVC survey as May 9, 2006).

*2: Effective pixels for video images, 690,000 pixels x 3CCD, for still images, 1.23 mega-pixels x 3CCD.



GZ-MG505-S



GZ-MG505-B



GZ-MG505-S

Main Features

1. A 3CCD camera system for a video camera with a built in hard disk drive, an industry first*¹

The 3CCD camera system uses three CCDs for a total of 1.33 million pixels. Light from the lens is divided into the three primary colors of red, green, and blue, each of which is processed in its own dedicated CCD, to achieve a huge boost in color representation. This system uses the Fujinon Corporation's highly praised high-precision CCD fixed focus technology, which is utilized in television broadcasting station cameras, to achieve superior images with high-precision color reproduction.

2. Offers 5MB still image recording, for enjoyment of vivid, photo-quality prints

The high-precision image processing technology of the 3CCD camera system enables 5MB still image recording. A large-capacity 30GB hard disk offers enough storage space for up to 9,999 still images. Enjoy vivid, beautiful photo-quality prints.



Image of internal hard disk drive

3. Internal thin-size, large-capacity 30GB hard disk drive provides more than seven hours of DVD quality extended recording

The new camcorder features a compact, lightweight body with an internal 1.8-inch thin-size 30GB hard disk drive. This large-capacity internal hard drive can record up to seven hours and ten minutes of DVD-quality video, or up to 37.5 hours in extended recording mode.

4. High quality in a compact and lightweight “palm-size” camcorder of just 450g (body weight)

Even with the inclusion of a 3CCD camera system and an internal 30GB hard disk drive, the compact and lightweight “palm-size” camcorder achieves a body weight of just 450g (including a lens hood and a grip belt).

5. Direct DVD Function*³ ensures easy and speedy recording of video from the hard disk drive

“USB host/device controller LSI” provides a direct USB cable connection between the camcorder unit and a dedicated DVD writer CU-VD10 (sold separately). Simple creation of original 12-cm DVDs in just 30 minutes*⁴ completely bypasses the personal computer. Convenient for storing video data or sending video gifts to friends.

*3: Dedicated DVD Writer CU-VD10 required (sold separately).

*4: Assumes about one hour of video (ultra fine mode) recorded on one 4.7GB media. Note that the time may vary depending on the number of menu titles.

Major Specifications:

Model name	GZ-MG505
Format	NTSC Japan and the US standard SD-VIDEO format:
Audio/video recording and playback format	MPEG-2 PS/ Dolby Digital
Image Sensor	1/4.5-inch, 1.33 mega-pixel x 3CCD (Effective area: Video: 0.69 mega-pixels x 3CCD, Still images : 1.23 mega-pixels x 3CCD)
Lens (35mm lens equiv.)	Video: F W(1.8)-T(2.4): f=3.2mm-32mm, 35mm lens equiv. : 46.2mm-462mm, optical 10x zoom (digital 200x zoom) Sill: F W(1.9)-T(2.4): f=4.0mm-32mm, 35mm lens equiv.: 43mm-344mm, optical 8x zoom
Filter diameter	37.0mm (0.75mm pitch)
Minimum brightness	18 Lx (shutter:1/60, sensitivity up: AGC)
Monitor	112,000-pixel 2.7-inch (16: 9 wide) color LCD
Format (still)	JPEG (supports DCF, DPOF and PRINT Image Matching II)
Interfaces	USB mini-connector, S output terminal, AV output (φ3.5mm mini plug) terminal, DC connector Microphone terminal (supports plug in power microphone)
Power Source	(AC adapter) DC 11.0V, (Battery) DC 7.2V
Approx. power Consumption	5.3W
Dimensions (W x H x D) including maximum extrusion	74 mm x 73 mm x 125 mm
Approx. weight	450g (Including a lens hood and a grip belt) 510g while shooting (Including a battery and a lens cap)

Approx. shooting time (actual time)*⁵

Battery type	BN-VF707 (provided)	BN-VF714	BN-VF733	VU-V840KIT	VU-V856KIT
While using a monitor	50 min. (25 min.)	1 hours and 45 min. (55 min.)	4 hours and 15 min. (2 hours and 10 min.)	5 hours (2 hours and 30 min.)	7 hours and 10 min. (3 hours and 35 min.)

Approx. video shooting time*⁵

Media type	720 x 480 dots			352 x 240 dots	
	Image mode	Ultra fine	Fine	Normal	Economy
HDD capacity: 30GB		7 hours and 10 min.	10 hours and 40 min.	14 hours and 10 min.	37 hours and 30 min.
SD Memory Card (Sold separately) 2GB		29 min.	44 min.	58 min.	2 hours and 33 min.

Approx. number of stills*⁶

*When using a hard disk, one can record up to 9,999 stills in any image size and mode.

Image size	640 x 480 dots	1280 x 960 dots	1600 x 1200 dots	2048 x 1536 dots	2560 x 1920 dots
Image mode	Fine/Standard	Fine/Standard	Fine/Standard	Fine/Standard	Fine/Standard
256MB	1555/2225	440/705	280/470	170/270	110/175
512MB	3090/4415	880/1405	560/935	350/545	225/350
2GB	9999/9999	3440/5635	2210/3645	1360/2115	885/1395

*⁵ Approx. shooting time, actual shooting time, and video shooting time are approximate. Regarding SD Memory Card, we recommend use of those of Panasonic, Toshiba, SanDisk, and PQI (128MB, 256MB, 512MB, and 1GB) and those of Matsushita, SanDisk, and PQI (2GB).

*⁶ Approx. number of stills are approximate. Regarding SD Memory Card, we recommend use of those of Panasonic, Toshiba, SanDisk, and PQI (32MB, 64MB, 128MB, 256MB, 512MB, and 1GB) and those of Matsushita, SanDisk, and PQI (2GB).

Provided Accessories

AP-V14 AC power adapter, BN-VF707 battery pack, S/ AV cord, lens cap, shoulder strap, wireless remote-controller, software CD-ROM, exclusive USB cable ("A type" mini)

CD-ROM Contents (See the required OS on page 4)

- Photo Navigator for Windows[®]
- CyberLink DVD Solution "PowerDirector™ Express NE for Windows[®]"
"PowerProducer™ 3 NE for Windows[®]", "PowerDVD™ 5 NE for Windows[®]"
- Pixela "Capty MPEG Edit EX for Macintosh"
- Pixela "mono DVD for Macintosh"

Optional Accessories (Japan)

Product Description	Model Name	MSRP (tax included)
Lithium-ion Battery	BN-VF707* ⁷	7,350 yen
Lithium-ion Battery	BN-VF714* ⁷	13,650 yen
Long Hour Lithium-ion Battery	BN-VF733* ⁷	21,840 yen
Long Hour Belt Holder Battery Kit	VU-V840KIT* ^{8,9}	20,790 yen
	VU-V856KIT* ^{7,8,9}	31,290 yen
Battery Charger	AA-VF7	13,650 yen
DC Cord	VC-VBN800* ⁸	998 yen
0.7x Wide Conversion Lens	GL-V0737* ¹⁰	16,800 yen
1.4x Tele Conversion Lens	GL-V1437* ¹⁰	16,800 yen
Toto Bag & Pouch	CB-V90	5,250 yen
Carrying Case	CB-VM40	4,095 yen
DVD Writer	CU-VD10* ¹¹	Open

- *7: Lithium-ion Battery BN-VF707, BN-VF714, BN-VF733, and VU-V856KIT include a circuit to prevent over charge and discharge.
- *8: DC cord VC-VBN800 (sold separately) is needed to supply power from a battery of VU-V840KIT or VU-V856KIT to a camcorder.
- *9: DC cord is not included.
- *10: When using the flash, a rim (or corners) of an image may not be included.
- *11: GZ-MG505, GZ-MG77, GZ-MG67, and GZ-MG47 support the DVD writer. GZ-MC500, GZ-MC200, GZ-MC100, GZ-MG70, GZ-MG50, and GZ-MG40 do not support the DVD writer. The DVD writer does not support dual sided media nor DVD-RAM.



Connecting image of DVD writer and GZ-MG505

PC Connection Kit Require the Following OS

<Windows[®]>

Microsoft[®]: Windows[®] 2000 Professional SP4 (Pre-install model)

Microsoft[®]: Windows[®] XP Home Edition / Professional (Pre-install model)

* The USB 2.0 interface must be provided.

- Photo Navigator
CPU: Intel[®] Pentium[®] III 700 MHz or above
RAM: 128 MB or above
Blank space of hard disk drive approx. 10 MB or above needed (500 MB or above recommended)
- CyberLink DVD Solution
CPU: Intel[®] Pentium[®] III 700 MHz or above (Pentium[®] 4 2GHz or above recommended) RAM: 128 MB or above (256 MB or above recommended)
Blank space of hard disk drive: Approx. 350 MB or above needed to install the program (When DVD Video is created, 10 GB or above needed, while Video CD is created, 1GB or above needed).

<Macintosh>

Hardware: iMac (except for G3), iBook G4, Power Mac G5, PowerBook G4, eMac, Mac Mini (except for Intel Core Solo) with a standard USB 2.0 interface

OS: Mac OS X (10.3.1-10.3.9, 10.4.2-10.4.5)

RAM: 128 MB or above (for Mac OS X 10.3.1- 10.3.9), 256 MB or above recommended (when using Capty MPEG Edit EX/ mono DVD), 256 MB or above (for Mac OS X 10.4.2-10.4.5)

- * For Macintosh with Intel Core Duo processor, Capty MPEG Edit EX/ mono DVD is operated by Rosetta.
- * To create DVD-Video with a menu, Capty DVD/VCD Ver. 2 of Pixela Corporation is recommended. Above conditions do not guarantee operations of all PCs with provided USB 2.0 interfaces.
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