



The Perfect Experience

PRESS Release

For Immediate Release:

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JVC Releases Everio GZ-MC500 Digital Media Camera A High Resolution Hard Disk Camcorder with Newly Developed 3-CCD Camera System

*Creation of the World's Ultimate*¹ 5-Mega class Still Performance in the
World's Smallest and Lightest*² Unit*

Victor Company of Japan, Ltd. (JVC) announced today the Japanese release of the Everio GZ-MC500 high-resolution digital media camera with a newly developed 3-CCD camera system, as part of its popular new Everio lineup. The GZ-MC500 is a new type of camcorder that utilizes a one inch Microdrive® removable hard disk as the recording media.

With the world's largest*¹ 5-mega class still picture memory, the camcorder comes in the world's smallest and lightest*² compact unit, offering easy operation through random access, and PC compatibility.

*¹: For a home-use camcorder (as of April 12, 2005, according to a JVC survey)

*²: For a 3-CCD home-use digital camcorder (as of April 12, 2005, according to a JVC survey)

Product description	Marketing name	Model	MSRP (Yen: Tax Included)	Release Date	Monthly Production
Digital media camera	Everio	GZ-MC500	Open	Early June	5,000 units



Everio GZ-MC500 Digital Media Camera

Main Features

1. Newly developed 3-CCD camera system offers a wider range of color reproduction

Using a 3-CCD camera system with three 1.33-megapixel*³ CCDs, the color reproduction ability has been substantially improved. After a prism refracts the images captured by the lens into the three basic colors of red, green, and blue, image capture is carried out by each of the color-dedicated CCDs.

*³: 3 x 690,000 effective pixels for video, and 3 x 1,230,000 pixels for stills



2. Digital media camera with the world's best*¹ 5-mega class still performance

By using high precision image processing technology based on 3-CCD, this home-use camcorder offers the world's largest 5-mega class still picture memory. Furthermore, users can enjoy clear, beautiful photo prints thanks to JVC's proprietary Megabrid Imaging Engine that performs separate high-resolution processing especially for stills, in addition to processing designed for video.

3. World's smallest and lightest*² compact unit

As a 3-CCD home camcorder with a one inch hard disk, it offers the world's smallest and lightest compact unit for superior portability, as well as ample memory for longer video recording time. With a compact size that makes it easy to carry anywhere at anytime, users can easily capture everyday or travel scenes in high resolution.

4. A full range of functions to faithfully capture images

- Scene Modes to capture various image situations
- Manual Focus Ring to allow for quick, precise focusing
- Auto Exposure Bracketing to capture a range of three exposures with a single push of the trigger button



Development Concepts

New categories are emerging today in the digital camcorder market, and instead of just videotape, memory cards or DVDs are being used for the storage media. In order to accommodate the transforming market, JVC launched the Everio series using a hard disk as storage media in November 2004. This series is well received for its high-resolution extended recording time, highly portable compact size, easy operation through random access, and superior PC compatibility. It has even created a new product category called the "digital media camera"; a kind of Hard Disk Camcorder.

With this launch of the GZ-MC500 model featuring the 3-CCD 5-mega camera system, JVC strengthened this camcorder lineup. Thanks to the world's ultimate 3CCD 5-mega class*¹ still performance, and a high-capacity video memory, this camera allows users

to easily enjoy taking high quality images whenever and wherever they like.

Other Features

1. Easy and convenient, handy and reliable picture taking, thanks to the hard disk recording media

- Since it automatically starts from empty space on the disk, there is no risk of recording over previously taken pictures.
- Any unwanted scenes during filming can be deleted on the spot.
- No need for troublesome rewinding or fast forwarding. It has an index function so that a desired scene can be quickly selected and replayed from a collection of thumbnail images.
- Easy scene deletion or rearranging and other basic editing for playback can be performed using the Playlist Video Clip Playback editing function.
- Thanks to the double card slot, still image data can be easily transferred or copied using the provided 4GB Microdrive® card that contains a one inch removable hard disk drive, or a separately sold compact flash card or SD memory card.

2. PictBridge support allows direct printing of images without a PC

Since the camera supports PictBridge, it can be connected via the USB terminal to a compatible printer to easily print stills directly from the camera.

3. Software package for easy and original image production: from video editing to disk writing

The accompanying software application for easy DVD recording and real video editing allows users to enjoy making their own unique DVDs with ease.

4. A built-in pop-up flash allows bright picture taking even in dark locations

5. Wide-screen Video mode for high-resolution 16 x 9 video shooting

Provided Accessories

AP-V14 AC power adapter , BN-VM200 battery pack*4, S/ AV code, hand strap, lens cap, a 4GB Microdrive® card that contains a one inch removable hard disk drive, software CD-ROM, exclusive USB cable (“A type” mini)

CD-ROM Contents (See the required OS on page7)

- Photo Navigator for Windows®
- CyberLink DVD Solution “PowerDirector™ Express NE for Windows®”
“PowerProducer™ 2 Gold NE for Windows®” “PowerDVD™ 5 NE for Windows®”

Optional Accessories (Japan)

Product Description	Model Name	MSRP (tax included)
Battery Kit	VU-VM10KIT	13,440 yen
Lithium-ion Battery	BN-VM200* ⁴	9,450 yen
Long Hour Belt Holder Battery Kit	VU-V840KIT* ⁵	20,790 yen
	VU-V856KIT* ^{4*5}	31,290 yen
Battery Charger	AA-V200	14,700 yen
DC Cord	VC-VBN800* ⁵	998 yen
Microdrive® (4GB one inch hard disc drive)	CU-MD04J	Open
0.7x Wide Conversion Lens	GL-V0737* ⁶	16,800 yen
1.4x Tele Conversion Lens	GL-V1437* ⁶	16,800 yen
Carrying Case	CB-VM20	5,145 yen
Traveling Pouch	CB-V640	6,195 yen

*⁴: Lithium-ion Battery BN-VM200 and VU-V856KIT include a circuit to prevent over charge and discharge.

*⁵: DC code VC-VBN800 (sold separately) is needed to supply power from VU-V840KIT and VU-V856KIT to a camcorder.

*⁶: When using the flash, the rim (or corners) of an image may not be included.

Major Specifications

Format	NTSC Japan and the US standard SD-VIDEO format: Video/ Audio MPEG-2 PS/ Dolby Digital							
Image Sensor	1/4.5-inch, 1.33 megapixel CCD x 3 (Effective area: moving images: 690,000 pixels x 3, Still images 1.23 megapixels x 3)							
Lens	Video: F1.8-2.4: f=3.2-32 mm (Normal video 35 mm lens equiv. : 46.2-462 mm, optical 10x zoom (digital 200x zoom) Sill: F1.9-2.4: f=4-32 mm (Normal still 35 mm lens equiv.: 43-344 mm, optical 8x zoom filter diameter 37mm)							
Minimum brightness	18 Lx							
Monitor	130,000-pixel 1.8-inch Color LCD							
Power Source	(AC adapter) DC 11V, (Battery) DC 7.2V							
Power Consumption	5.5 W							
Approximate Continuous recording time (actual recording time) ⁷	BN-VM200			1 hour (30 min.)				
	VU-V840KIT			4 hours and 50 min. (2 hours and 25 min.)				
	VU-V856KIT			6 hours and 50 min (3 hours and 25 min.)				
Format (video)	NTSC Japan and the US standard SD-VIDEO format: Video/ Audio MPEG-2 PS/ Dolby Digital							
Recording mode	Ultra fine			Approx. 9 Mbps (CBR)				
	Fine			Approx. 6 Mbps (CBR)				
	Normal			Approx. 4.5 Mbps (VBR)				
	Economy			Approx. 1.7 Mbps (VBR)				
Approximate Recording time ^{*8}	Video recording size		720 x 480 pixels			352 x 240 pixels		
	Video recording Mode		Ultra Fine	Fine	Normal	Economy		
	One inch HDD ^{*9} (such as Microdrive [®])	2 GB (sold separately)	30 min.	45 min.	60 min.	150 min.		
		4 GB (provided)	60 min.	90 min.	120 min.	300 min.		
		6 GB (sold separately)	90 min.	135 min.	180 min.	450 min.		
	SD memory card (sold separately) ^{*10} Compact flash card (sold separately) ^{*10}	128 MB	2 min.	3 min.	4 min.	10 min.		
		256 MB	4 min.	6 min.	7 min.	21 min.		
		512 MB	8 min.	12 min.	15 min.	43 min.		
		1 GB	16 min.	24 min.	31 min.	86 min.		
	Format (still)	JPEG (DCF compatible, supports DPOF and PRINT Image Matching II)						
Approx. No. Of Still	Still picture recording size		640x480 dots (VGA)		1280x960 dots		1600x1200 dots (UXGA)	
	Still picture recording mode		Fine	Standard	Fine	Standard	Fine	Standard
	One inch HDD (such as Microdrive [®])	2 GB (sold separately)	9999	9999	3285	5675	2230	3670
		4 GB (provided)	9999	9999	6575	9999	4460	7345
		6 GB (sold separately)	9999	9999	9865	9999	6690	9999
	SD memory card (sold separately)	128 MB	780	1115	210	350	140	225
		256 MB	1555	2225	420	705	280	455
		512 MB	3140	4490	845	1425	570	920
		1 GB	6040	8635	1630	2745	1095	1775

Compact flash card (sold separately)	128 MB	705	1115	210	350	135	225
	256 MB	1420	2235	420	710	275	455
	512 MB	2840	4465	840	1420	555	915
	1 GB	5680	8930	1685	2840	1115	1835
	2 GB	9999	9999	3285	5680	2230	3675
Still picture recording size		2048x1536 dots		2560x1920 dots			
Still picture recording mode		Fine	Standard	Fine	Standard		
One inch HDD* ⁹ (such as Microdrive [®])	2 GB (sold separately)	1385	2150	900	1415		
	4 GB (provided)	2775	4305	1805	2835		
	6 GB (sold separately)	4160	6460	2715	4255		
SD memory card (sold separately)	128 MB	85	135	55	85		
	256 MB	170	270	110	175		
	512 MB	350	550	225	355		
	1 GB	675	1055	435	685		
Compact flash card (sold separately)	128 MB	85	135	55	85		
	256 MB	175	270	110	175		
	512 MB	350	545	225	350		
	1 GB	700	1095	450	705		
	2 GB	1385	2150	905	1415		

- Above conditions are not guaranteed for all OSs of all PCs with USB connections.
- Microsoft[®] and Windows[®] are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.
- Macintosh is a registered trademark of Apple Computer, Inc. in the United States.

Voice memo recording format	Linear PCM Digital Recording				
Approximate voice memo recording time* ¹²	Recording mode		48kHz/16bit Stereo	16kHz/16bit Stereo	8kHz/16 bit Stereo
			Fine	Standard	Economy
	One inch HDD (such as Microdrive [®])* ⁹	4GB (provided)	320 min.	960 min.	1960 min.
6GB (sold separately)		525 min.	1590 min.	3195 min.	
Dimensions (W x H x D)	80 x 55 x 118 mm (including a lens hood)				
Weight ()	330g (400g wile shooting*) *Including a battery BN-VM200, a 4GB one inch hard disk, a lens cap, a hand strap and a lens hood				
Interfaces	S/ AV connector, USB connector, DC connector, Headphone connector				

*7: Continuous recording time and actual recording time are approximate.

*8: Recording time is approximate. 1GB type of one inch HDD cannot be used. Regarding SD memory card, we recommend Matsushita, Toshiba or SanDisk's card. Regarding SD memory card and compact flash card, only high-speed type can be used to record MPEG 2.

*9: CF+ Type II.

*10: In order to record MPEG-2 videos, high-speed type card is necessary. SD memory card (10MB/s)/ compact flash card (40x or up).

*11: Number of still pictures is approximate. Regarding SD memory card, JVC recommends Matsushita, Toshiba or SanDisk's card (32MB, 64MB, 128MB, 256MB, 512MB, 1GB, 2GB). Regarding compact flash card, only high-speed type can be used to record MPEG.

*12: Voice recording time is approximate.

PC Connection Kit Require the Following OS

<Windows®>

Microsoft®: Windows® 2000 Professional/ Me (Pre-install model)

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

- Photo Navigator
CPU: Intel® MMX™ Pentium 200 MHz or up
RAM: 64 MB or up Terminal: UBS terminal provided
CD-ROM drive
Blank space of hard disc drive approx. 10MB or more needed (500MB or more recommended)
- CyberLink DVD Solution
CPU: Intel®Pentium® III 700 MHz or up
(Pentium®4 2GHz or more recommended) RAM: 128 MB or more (256MB or more recommended)
Blank space of hard disc drive: Approx. 350MB or more needed to install the program
(When DVD Video is created, 10GB or more needed, while Video CD is created, 1GB or more needed)

<Macintosh>

This product and provided software are not compatible with Macintosh.

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