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PRESS Release

FOR THE JAPANESE MARKET ONLY

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JVC TO RELEASE WORLD'S FIRST FULL HD 1920x1080i RECORDING CONSUMER CAMCORDER GZ-HD7

Optional DVD Burner Transfers Full High Definition Everio Footage to DVD Disc Without a PC

JVC is releasing the world first, as of Feb 7, 2007, consumer high definition camcorder to record full HD 1920x1080i video quality. With a 60GB built-in hard drive the JVC high definition Everio GZ-HD7 provides up to five hours of full HD 1920x1080i recording. JVC is also releasing the CU-VD40 high definition DVD burner, specially designed to complement the Everio, which can record high definition Everio footage from the camera in full high definition onto 12-cm DVDs, and also allows playback of archived files via HDMI. With this addition JVC offers the "JVC Full HD World" that completes the cycle of shooting, viewing, saving, and creating in 1920 high definition video.

Product description	Marketing name	Model	HDD capacity	MSRP (Yen: Tax Included)	Release Date	Monthly Production
High Definition Hard Disk Camcorder	Everio	GZ-HD7-S/-B	60GB	Open	Middle of March	8,000 units
Specially Designed Everio DVD Burner, which also allows playback of archived files	-	CU-VD40	-		Late March	4,000 units



GZ-HD7-S



CU-VD40

Major Features of High Definition Hard Disk Camcorder GZ-HD7

1. Full HD Images (1920 x 1080i) Created by Newly Developed Technology for the First Time in the World as of February 7, 2007 in a Consumer Camcorder.

1). 1920 Full HD Camera Block

- First use of broadcast HD video camera Fujinon lens in consumer camcorder, as of February 7, 2007.
- Equipped with newly developed optical image stabilization (OIS) to enable users to use hand held shooting to record beautiful HD images.
- JVC developed the industry's first high-quality full HD 3-CCD camera system for use in a consumer camcorder. It uses 16:9 progressive scan CCDs and pixel shift technology.

2). JVC's "HD Gigabrid" video engine, which processes in full 1920x1080p progressive video, is the result of years of experience in signal-processing technology, and uses five digital noise-reduction algorithms as well as signal processing to improve vertical scan resolution by approximately 30% over JVC's previous interlace technology for an extremely clear image.

2. JVC high definition Everio's 60GB built-in hard drive provides up to five hours of full HD 1920x1080i recording

In addition to its highest quality Full HD recording mode that records five hours of full HD 1920x1080i video, the high definition Everio offers the choice of a long seven hour SP mode with a resolution of 1440x1080i according to the user's requirement.

3. High definition Everio is equipped with interfaces such as HDMI and i.LINK for flexible enjoyment

The high definition Everio is equipped with various interfaces such as HDMI and component terminals. It also down-converts so the footage shot by the high definition Everio can be enjoyed on non-HD television displays. HD recorded material is down-converted from MPEG2 to DV format at 720x480 and signals compatible with HDV are recorded in the 1440CBR mode for output in DV equipment and HDV compatible software*¹ over i.LINK.

*¹ Some functionality may be limited. Details to be available on the JVC website.

4. The new DVD burner, specially designed to complement high definition Everio, records high definition Everio footage from the camera in full high definition onto 12-cm DVDs without a PC.

The high definition Everio camcorder also connects to the optional CU-VD40 DVD burner via cable for USB 2.0. The burner can be used to easily create HD data discs to archive high definition Everio video clip files and write them to 12-cm DVD discs without PC. The Burner can record approximately 40 minutes in full HD on an 8.5 GB two-layer DVD-R disc.

5. For editing and archiving, high definition Everio comes with CyberLink BD Solution software and Apple software plug-in

Using Windows PCs, you can use CyberLink BD Solution software for HD file playback and editing, and authoring high definition Blu-ray discs using separate BD burner and SD DVD-Video discs. Also included is a plug-in that works with Apple iMovie HD, Final Cut Pro video software for the Macintosh. Details will be available on the JVC website.

Other Features of High Definition Hard Disk Camcorder GZ-HD7

1. High definition Everio also offers a wide range of video assists and manual shooting functions.

The high definition Everio is equipped with various shooting functions. These include a manual focus ring, aperture priority mode shutter priority mode. In addition, a Focus Assist function displays the edge of in-focus elements in red, blue, and green. And a Zebra function displays a striped pattern across highlight areas, making it easier to manually set the exposure.

2. SD card support

Both HD video at 1440 x 1080i and still photos can be transferred to SD memory cards. It is also possible to record directly to an SD memory card. For recording video, use SDHC type SD cards which support CLASS6. SD cards only accept HD video recorded in SP (1440 x 1080i) mode.

3. Simple, convenient, and easy to use

- "Quick power off" remembers to turn off the camera even if you forget.
- Automatic lens cover protects lens.
- "Data/battery" gauge makes it easy to check remaining recording time and battery life.

4. 2.8” 16:9 widescreen display plus viewfinder

The camera’s built-in LCD screen uses the same 16:9 aspect ratio as HD video to play back footage as it is meant to be seen. And with JVC’s “clearbright” LCD technology, pictures are even prettier. Also included is a 2.69-megapixel viewfinder with screen measuring 0.57”.

5. Computer connectivity for easy backups

The included software makes it easy to back up video to a computer by simply connecting via USB cable and pressing the “direct backup” button—the software takes care of the rest, copying over any new data easily and automatically.

6. External mic input and accessory shoe

The camera can also record stereo sound with the MZ-V8 stereo microphone, sold separately.

Main Features of CU-VD40 high definition Everio DVD Burner

1. Creates high definition Everio DVDs easily without a computer

By connecting the CU-VD40 to the GZ-HD7 with the included USB cable, it is easy to set up and record a 12-cm high definition Everio DVD using controls on the camera. It records approximately 40 minutes on an 8.5 GB two-layer DVD-R disc*².

*²: Some discs may not support adequate performance. We recommend checking with the disc manufacturer for compatibility.

2. Plays high definition Everio DVD data discs via HDMI

With its HDMI connector, the CU-DV40 can be hooked up via a single cable to an HDTV to play back high definition Everio DVDs in full high definition.

3. Works as a DVD drive for a computer*²

The CU-DV40 can be used as an external drive on a computer*², and comes with data-writing software. It also works with DVD-creation software included with the GZ-HD7.

4. Stylish design with vertical, space-saving form.

Major Specifications

Model name	GZ-HD7
Audio/video recording and playback format	MPEG-2 TS/ MPEG-1 Audio Layer II
Image sensor	1/5-inch, 0.57 mega-pixel CCD x 3 (Effective area: Video: 0.53 mega-pixel x 3)
Lens (35mm lens equiv.)	Video: F W(1.8)-T(1.9): f=3.3mm-33mm (35mm lens equiv.: 39.5mm-395mm, optical 10x zoom (digital 200x zoom)
Filter diameter	46.0 mm (0.75 mm pitch)
Minimum brightness	18 Lux (shutter:1/60, sensitivity up: AGC)
Monitor	207,000-pixel 2.8-inch color LCD (16:9 wide screen)
Viewfinder	269,000-pixel 0.57-inch color LCD
Still Format	JPEG (supports DCF, DPOF and PRINT Image Matching III)
Interfaces	HDMI output, USB mini-connector, S output terminal, AV output (ø3.5mm mini plug) terminal, component output, i.LINK output, external microphone input, DC input
Power Source	(AC adapter) DC 11.0V, (Battery) DC 7.2V

Approx. power consumption	6.7 W while using viewfinder, 7.1 W while using LCD monitor
Dimensions (W x H x D)	91 mm x 77 mm x 186 mm (including maximum extrusion)
Approx. weight	665g (750g while shooting including battery)

Approx. continuous shooting time (typical time including zoom in parenthesis)*³

Battery type	BN-VF815	BN-VF823	VU-V840KIT	VU-V856KIT
Using viewfinder	1 hour and 25 min. (45 min.)	2 hours and 10 min. (1 hour and 10 min.)	4 hours (2 hours)	5 hours and 40 min. (2 hours and 50 min.)
Using LCD monitor	1 hour and 20 min. (40 min.)	2 hours (1 hour)	3 hours and 45 min. (1 hours and 55 min.)	5 hours and 25 min. (2 hours and 45 min.)

Approx. video shooting capacity*³

Image size	1920 x 1080 dots	1440 x 1080 dots	
Image mode	FHD	SP	1440CBR
GZ-HD7 (60GB)	5 hours	7 hours	5 hours
SDHC memory card (sold separately) 4GB	-	25 min.	-

Approx. number of stills*⁴

Image size	1920 x 1080 pixels	1440 x 1080 pixels	1024 x 768 pixels	640 x 480 pixels
Image mode	Fine/Standard	Fine/Standard	Fine/Standard	Fine/Standard
512MB	550/880	740/1160	1460/2320	3650/6400
1GB	1080/1720	1440/2270	2850/4540	7140/9999
2GB	2160/3440	2880/4540	5700/9080	9999/9999
4GB	4320/6880	5760/9080	9999/9999	9999/9999

*3 Continuous shooting time and typical shooting time are approximate.

*4 Number of still pictures is approximate. For an SD memory card, JVC recommends using those made by Matsushita, Toshiba, SanDisk (128MB - 4GB).

Provided Accessories

AP-V14 AC power adapter, BN-VF815 battery pack*⁵, exclusive S/ AV code (ø3.5mm mini plug), lens cap, dedicated D terminal cable, shoulder strap, wireless remote-controller, software CD-ROM, exclusive USB cable ("A type" mini).

*5 Lithium-ion Battery BN-VF808, BN-VF815, BN-VF823, and VU-V856KIT include a circuit to prevent over charge and discharge.

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