

JVC HD Everio GZ-HD40, GZ-HD30 & GZ-HD10 Specifications

Model name	GZ-HD40	GZ-HD30	GZ-HD10
Video / Audio recording and playback format	AVCHD H.264 / Dolby Digital (AC3) 2ch MPEG-2 TS/ MPEG-1 Audio Layer II		AVCHD H.264 / Dolby Digital (AC3) 2ch
Image sensor	1/3" CMOS 2.68 Megapixel		1/4.5" CMOS 1.84 Megapixel
Lens	Video: F Wide(1.8)-Tele(2.2): f=4.5mm-45mm (35mm lens equiv.: 50mm-500mm) Optical 10x Zoom (digital 200x zoom)		Video: F Wide(1.8)- Tele(2.5): f=3.2mm-32mm (35mm lens equiv.: 42.2mm-422mm) Optical 10x Zoom (digital 200x zoom)
Filter diameter	43.0 mm (0.75 mm pitch)		
Microphone	Stereo		
Monitor	207,000-pixel 2.8-inch color LCD (16:9 wide screen)		123,000-pixel 2.7-inch color LCD (16:9 wide screen)
Still format	JPEG (supports DCF, DPOF and PRINT Image Matching III)		
Hard disk capacity	120 GB	80 GB	40 GB
Interfaces on camcorder	HDMI output, USB mini-connector, AV output (φ3.5mm mini plug) terminal, component output, microSD card slot, microphone input, DC-in, headphone output (except GZ-HD10)		
Interfaces on docking station	USB mini-connector, AV output (φ3.5mm mini plug) terminal, component output, i.LINK output, DC-in	—	
Power source	(AC adapter) DC 11.0V, (Battery) DC 7.2V		
Approx. power consumption	6.6 W		4.8 W
Dimensions (W x H x D)	2-7/8 x 2-11/16 x 4-7/8 inches 73 x 68 x 123 mm (including maximum extrusion)	2-13/16 x 2-11/16 x 4-7/8 inches 71 x 68 x 123 mm (including maximum extrusion)	
Approx. weight with strap	1.01 lb (455g), 1.2 lb (540g) including BN-VF815 battery	.98lb (440g), 1.16lb (525g) including BN-VF815 battery	.95lb (430g), 1.05lb (475g) including BN-VF808 battery

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

Battery type	Model	BN-VF808	BN-VF815	BN-VF823
LCD Backlight Standard Brightness	GZ-HD40 GZ-HD30		1 hour 25 min. (45 min.)	2 hours 10 min (1 hour 5 min)
	GZ-HD10	1 hour. (30 min)	2 hour. (1 hour)	3 hours and 5 min (1 hour 35 min)

GZ-HD40/30 Approx. number of stills*⁴

Image size	2432 x 1368 16:9 pixels	1920 x 1080 16:9 pixels	1824 x 1368 4:3 pixels	1440 x 1080 4:3 pixels	640 x 480 4:3 pixels
Image mode	Fine/ Standard	Fine/ Standard	Fine/ Standard	Fine/ Standard	Fine/ Standard
512MB	330/ 510	510/ 800	440/680	680/ 1060	3320/ 5980
1GB	670/ 1040	1040/ 1630	880/ 1370	1370/ 2160	6720/ 9999
2GB	1350/ 2100	2100/ 3210	1790/ 2770	2770/ 4360	9999
4GB	2700/ 4200	4200/ 6410	3580/ 5540	5540/ 8700	
8GB	5420/ 8420	8420/ 9999	7180/ 9999	9999	
HDD	9999				

*4 Number of still pictures is approximate.

GZ- HD10 Approx. number of stills*⁴

Image size	1920 x 1080 16:9 pixels	1440 x 1080 4:3 pixels	640 x 480 4:3 pixels
Image mode	Fine/ Standard	Fine/ Standard	Fine/ Standard
512MB	510/ 800	680/ 1060	3320/ 5980
1GB	1040/ 1630	1370/ 2160	6720/ 9999
2GB	2100/ 3210	2770/ 4360	9999
4GB	4200/ 6410	5540/ 8700	
8GB	8420/ 9999	9999	
HDD	9999		

*4 Number of still pictures is approximate.

Provided Accessories

AC Adapter, Battery Pack, Shoulder Strap, AV Cable,
USB Cable, Component Video Cable, Remote Control, Software CD-Rom

CD-ROM Contents

- “Digital Photo Navigator (for Windows®)”
- CyberLink BD Solution™ “Power Cinema™ NE for Everio (for Windows®)”
“PowerDirector™ 6NE (for Windows®)” “PowerProducer™ 4NE (for Windows®)” “PowerDVD™ 7 NE
(for Windows®)”
- “QuickTime component for Everio (for Macintosh)” (GZ-HD40/HD30 only.)

PC Connection Kit System Requirements**<Windows® >**

- Digital Photo Navigator
- CyberLink BD Solution™

Microsoft® Windows® XP Home Edition(SP2) / Professional(SP2) (Pre-install model)

*It must be equipped with a standard USB 2.0 interface.

Microsoft® Windows Vista® Home Basic / Home Premium (32-bit edition, pre-installed)

CPU:

<GZ-HD40/HD30>

Intel® Pentium® 4, at least 3.2GHz (Intel® Core™ Duo, at least 1.66GHz recommended.)

Intel® Pentium® M at least 1.8GHz

*For AVCHD, Intel® Core™ Duo, at least 1.66GHz.

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Intel® Core™ Duo, at least 1.66GHz.

RAM Windows® XP: At least 1GB

Windows Vista®: At least 2GB

Unused space on hard disk drive: Approx. 750 MB or up needed. When creating a Blu-ray disc, 30GB or up is required. (60GB or up is recommended).

*Even if a PC meets the listed system requirements, there may be cases of dropping frames during HD playback, or editing may take excessive time. For faster and more responsive operation, we recommend use of a PC with higher performance such as with an Intel® Core™ 2 Duo CPU and 2GB RAM. (For AVCHD editing, Intel® Core™ 2 Duo at least 2.4GHz recommended.)

<Macintosh>

<GZ-HD40/HD30>

- "QuickTime component for Everio" (for MPEG-2)

Hardware: Macintosh with 1.25GHz or faster PowerPC G4/G5, or Intel® Processors.

(Intel® Core™ Duo at least 1.66GHz recommended)

* It must be equipped with a standard USB 2.0 interface.

OS: Mac OS X (10.4.4 to 10.4.11, 10.5.1 to 10.5.2)

RAM: At least 512 MB, at least 1GB recommended

*The software for AVCHD is not included.

The applicable software is required and please refer to its System Requirements.

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*The software for Macintosh is not included.

The applicable software is required and please refer to its System Requirements.

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- Details will be available in the JVC catalog and on the JVC website.

CU-VD50 Everio DVD Burner -- Specifications

While connecting with Everio GZ-HD40/HD30/HD10	Interface		USB 2.0	
	Discs that CU-VD50 supports* ⁵		DVD-R, DVD-RW, DVD-R DL	
	Record time (*Recording time is changed by title volume)	AVCHD	per 4.7GB media	Approx.30 min.(30min.XP mode, 4GB)
			per 8.5GB media	Approx.60 min.(60min.XP mode, 8GB)
		MPEG-2	per 4.7GB media	Approx.20 min.(20min.FHD mode, 4GB)
			per 8.5GB media	Approx.45 min.(40min.FHD mode, 8GB)
Interface cable		Provided USB cable		
While connecting with PC	Interface		USB 2.0 or USB 1.1	
	Data buffer capacity		2 MB	
	Data transmission speed	Writing	DVD-R	Max. x8
			DVD-RW	Max. x6
			DVD-R DL	Max. x6
		Reading	DVD-R	Max. x8
			DVD-RW	Max. x8
			DVD-R DL	Max. x8
			CD-R	Max. x24
			CD-RW	Max. x24
	CD-ROM	Max. x24		
	Compatible discs	Writing	DVD-R, DVD-RW, DVD-R DL	
		Reading	DVD-R, DVD-RW, DVD-R DL, CD-ROM, CD-R, CD-RW	
	OS	OS	'Windows™ XP Home Edition / Professional (pre-installed) 'Windows Vista® Home Basic/Home Premium (32-bit edition, pre-installed)	
		CPU	Intel® Pentium® III 800 MHz or up (Pentium® 4 2GHz or up recommended)	
		RAM	128 MB or up (256 MB or up recommended)	
	Interface cables		Provided USB cable with Everio	
Support software		CyberLink PowerProducer 4NE (provided with Everio, for DVD creation)		
		CyberLink Power2Go 5.5 Lite (provided, for data writing)		
Playback functions	Support discs		Everio Direct Burning created disc.	
			Everio and CU-VD50 provided software created disc.	
Output terminals		AVCHD disc.		
Recommended discs* ⁶		HDMI, Component (Y,Pb,Pr), Video, AUDIO L/R		
		DVD-R	JVC, TDK, Verbatim, SONY	
		DVD-RW	JVC	
		DVD-R DL	JVC, Verbatim	
Dimensions (W x H x D)		6 x 1.7 x 7.7 inches (152 x 42 x 195 mm)		
Weight		Approx. 2.03 lbs (920g)		
Standard current		2.3A		

*5: The CU-VD50 does not support 8-cm discs.

*6: Depending on the disc the CU-VD50 may not function optimally, so using manufacturers' media mentioned above that was tested with the CU-VD50 is recommended.

- HDMI cable is not included with the CU-VD50.
- The CU-VD50 does not support Macintosh.
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