

## JVC HD Everio GZ-HD3 Specifications

Format	SD-VIDEO High Definition Video Recorder Profile: Video: MPEG-2 TS Audio: MPEG-1 Layer2 Still: JPEG		
Storage Media	1.8" Hard Disk Drive (Embedded), SD/SDHC Memory Card		
Hard Disk Drive Capacity	60GB		
Image Sensors	16:9 1/5" Progressive 3-CCD, 570K-pixel each with Pixel Shift		
Effective Pixels for Capture	Moving images	430K-pixel each	
	Still images	530K-pixel each	
KONICA MINOLTA HD LENS	Zoom Ratio	Optical 10x (Still: 8x) / Digital 200x	
	Focal Length	Video: 3.2 – 32mm (35mm equiv. 42 – 422mm) Still: 4.0 – 32mm (35mm equiv. 48 – 384mm)	
	F Stop	Video: (W-T) F1.8 – F2.4, Still: (W-T) F1.9 – F2.4	
	Filter Diameter	46.0mm	
ISO Settings	100, 200, 400		
Shutter Speeds	Moving images	1/2 – 1/4000	
	Still images	1/2 – 1/500	
Video Recording Modes (VBR)	XP (1440x1080i, 26.6Mbps) / SP (1440x1080i, 19Mbps) / 1440CBR (1440x1080i, 27Mbps [CBR])		
Video Recording Time (max.)	5hr. (XP/1440CBR) / 7hr. (SP)		
Still Image Sizes	[4:3] 1440x1080 / 1024x768 / 640x480 [16:9] 1920x1080		
No. of Still Images (max.)	9999		
Clear LCD Monitor	2.8" Wide, 207K-pixel		
Multi-Language On-Screen	21 Languages (Eng. / Fre. / Ger. / Spa. / Ita. / Dut. / Por. / Rus. / Pol. / Cze. / Tur. / Jap. / Kor. / Chi. [Simple and Traditional] / Per. / Ara. / Malay / Indon. / Thai / Hindi)		
Interfaces	USB2.0/1.1, HDMI Out, i.LINK Out, Component Video Out, S-Video Out, AV Out, SDHC/SD Memory Card Slot, DC In		
Power Consumption	Approx. 6.7W		
Dimensions (WxHxL)	3-1/4" x 3" x 6-1/8" (82mm x 75mm x 154mm) with lens hood		
Weight (with lens hood)	Approx. 1.3lbs (585g) without battery Approx. 1.5lbs (670g) with battery		

### Battery operation times (approx.)

	Continuous	Typical Shooting
BN-VF808 (data battery)	40 min.	20 min.
BN-VF815 (data battery) (provided)	1 hr. 25 min.	45 min.
BN-VF823 (data battery)	2 hr. 10 min.	1 hr. 5 min.

### Video recording times (approx.)

Image Size	1440x1080 pixels		
Storage Media	Recording Mode		
	XP	SP	1440CBR
Internal 60GB Hard Disk	5 hours	7 hours	5 hours
SDHC Memory Card (4GB commercially available)	--	25 minutes	--

Note: Above figures are approximate. To record video, an SDHC card with Class 6 performance is required. SD/SDHC memory cards (128MB to 4GB) have been tested for the following brands: Panasonic, Toshiba, SanDisk, ATP. Note that using other media may result in recording failure or data loss. For compatibility of memory cards, please consult an authorized JVC dealer.

### Photo Quantities (approx.)

Media		HDD	SD card			
Image Size	Image mode	60GB	512MB	1 GB	2GB	4GB
1920x1080	Fine	9999	550	1080	2160	4320
	Standard		880	1720	3440	6880
1440x1080	Fine		740	1440	2880	5760
	Standard		1160	2270	4540	9080
1024x768	Fine		1460	2850	5700	9999
	Standard		2320	4540	9080	9999
640X480	Fine	3650	7140	9999	9999	
	Standard	6400	9999	9999	9999	

Note: Above figures are approximate. SD/SDHC memory cards (128MB to 4GB) have been tested for the following brands: Panasonic, Toshiba, SanDisk, ATP. Note that using other media may result in recording failure or data loss. For compatibility of memory cards, please consult an authorized JVC dealer.

### Provided Accessories

- AC Power Adapter
- Rechargeable Battery Pack (BN-VF815, 1460mAh)
- AV Cable
- USB Cable
- Component Video Cable
- Remote Control
- Shoulder Strap
- Software CD-ROM

### Software CD-ROM (OS requirement and contents)

(For Windows®)

- Digital Photo Navigator
- CyberLink BD Solution™ - contains: PowerCinema™ NE for Everio, PowerProducer™ 3 NE, PowerDirector™ 5 NE Express

(For Macintosh)

- QuickTime component for Everio

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### Software System Requirements

#### Windows®

#### CyberLink BD Solution

OS: Microsoft® Windows® XP Home Edition/XP Professional (pre-installed), Windows Vista™ Home Basic/Home Premium (32-bit edition, pre-installed), USB2.0 connector is required.

CPU: Intel® Pentium® 4, at least 2.4GHz. Pentium® 4, at least 3.0GHz recommended. Intel® Pentium® M, at least 1.6GHz.

RAM: Windows XP: At least 512MB, at least 1GB recommended.  
Windows Vista™: At least 1GB, at least 2GB recommended.

GRAPHIC: Intel/nVidia/ATI graphic card for MPEG-2 HD DxVA

*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.*

## **Macintosh**

### **QuickTime Component for Everio**

Hardware: Macintosh with 1.25GHz or faster PowerPC G4/G5, or Intel® processors. (At least Intel® Core™ Duo recommended.), USB2.0 connector is required.

OS: Mac OS X (10.4.4 to 10.4.9)

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

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#### **Notes:**

- The terms and conditions above are as of the announcement date, and subject to change without notice.
- The terms and conditions above do not guarantee operation by all personal computers equipped with a USB 2.0 terminal.
- When PowerDirector5 NE Express is used with Windows Vista™, "The sound loudness adjustment" button of the edit display and "Post recording" button might not be able to be used with some PCs.
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