

# JVC<sup>®</sup>

Everio Lineup  
2010

The Perfect Experience / —



Brighten Up Your Life

# Everio



**Full HD**  
1920x1080

1080/60P  
Output

**HD**  
HARD DISK DRIVE

micro  
**SD**

**SD**  
HC

**SD**  
XC

**HDMI**  
HIGH DEFINITION MULTIMEDIA INTERFACE

**AVCHD**

**YouTube**  
One Touch Upload

Compatible  
with iTunes



**Bluetooth**

Life may have its ups and downs, but with Everio,  
 you can count on brilliant results that will put a smile on your face.  
 Be amazed at how every precious moment is captured with high picture quality,  
 even in less-than-ideal shooting locations.  
 Now have fun shooting creative videos like never before.  
 And have more fun sharing it all. Let Everio brighten up your life,  
 with the great real-life performance you deserve.

# Everio



## Brighten Up Every Moment with Brilliantly Improved Performance

### Super LoLux

Low light performance is one of the key factors for quality video. New Everio's Super LoLux ensures superior sensitivity to low light. To provide this, High Definition models (selected) are equipped with a Back-illuminated CMOS sensor that allows intake of more light while Standard Definition models offer a large 1/6" high-sensitivity CCD. The result is clear images with precise colors even in low light. No worry while indoors or in dark situations.



Previous



New Everio

### Advanced Image Stabilizer\*

Another great improvement on New Everio is its anti-shake performance. A new technology called Advanced Image Stabilizer expands the effective area at wide angle to 4 times that of 2009 models, delivering powerful compensation for camera shake. You can enjoy stable results even if you're trotting alongside your subject.



\*Especially effective when shooting bright scenes at wide angle (from full wide to 5x)



Previous

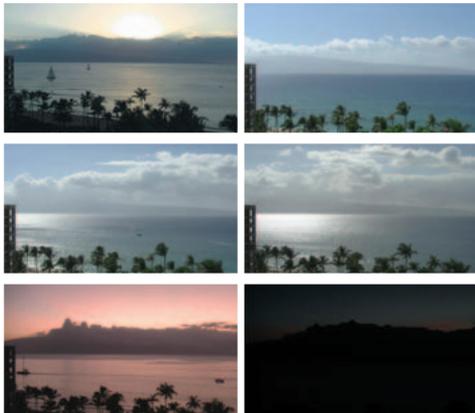


New Everio

# Effortless Creativity and Smart Usability

## Time-Lapse REC

Various unique shooting functions are equipped on New Everio. Time-Lapse REC records one frame at a time at set intervals (1sec.–80sec.). So you can watch an hour-long movement in just a short amount of time when played back. It's great when you want to observe an event that takes place over a long period of time, or to record unique-looking scenes in a creative way.



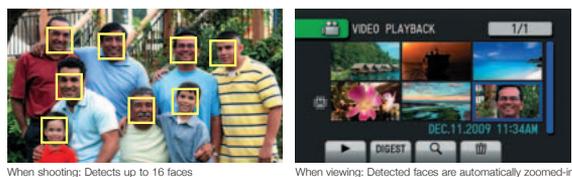
## Auto REC

Another unique function is Auto REC. When a subject enters the detecting area and the luminance changes, recording starts automatically. Recording continues as long as there is movement within the area and automatically stops after 5 seconds of no movement. You can use it like a surveillance camera, or to observe something. Discover new ways to use the camera.



## Face Detection and Face Flow Thumbnail

Face Detection equipped on HD Everio has been upgraded. When shooting, it intelligently detects up to 16 faces then accurately adjusts the focus and exposure. It works for both video and digital stills. And while browsing through scenes in the Play mode, thumbnails can be displayed with close-ups of detected faces so you can easily identify who's in the file.



## Laser Touch Operation

Touch-sensitive scroll bar and buttons for smooth operation (except for GZ-MS110). Allows zooming and recording using either the Laser Touch or standard zoom lever and REC button. Browsing through indexes and menu selection is easier than ever. Since you don't touch the LCD screen itself, you can keep the screen clean and fingerprint-free.



## 45x Dynamic Zoom

Standard Definition Everio features the Dynamic Zoom function which uses nearly all of the effective pixels of the CCD to achieve incredible magnification. You can enjoy up to 45x zoom without any degradation of picture quality. Its high-quality lens is a KONICA MINOLTA LENS developed for Everio by the camera specialists.



## 2-Way Grip Belt

New detachable strap is designed to work as a grip belt when shooting and as a hand strap when carrying. Fashionable and comfortable.



## High-Quality High-Definition Video – HD Everio

To deliver exceptional picture quality, HD Everio incorporates an array of advanced technologies.

### • Full HD 1920x1080 Video

All the image information you are capable of seeing on an HDTV will be recorded on HD Everio. You can enjoy a stunning 1080 TV lines of horizontal resolution – the theoretical maximum level of 1920x1080 Full HD.



AVCHD



### • 1920x1080/60P Output

This function outputs a 1080 scanning line image at progressive 60fps so you can enjoy uncompromising picture quality on a TV that accepts 1080P input.

**1080/60P**  
Output

### • 24Mbps Ultra High Quality Recording

In UXP video recording mode, you can record at 24Mbps, the highest bit rate possible for AVCHD video, for more detailed, sharper images with less noise.

## Comprehensive Lineup: Wide Selection of Storage Media

The Everio lineup offers a variety of recording media to match your requirements.

### • Built-in Hard Disk Drive

Hard Disk-type Everio models have a built-in high-capacity HDD. It offers extremely long recording time in any mode. There's also a microSD/SDHC card slot for additional storage.



### • Internal Flash Memory

Memory-type Everio models feature internal flash memory. Up to 32GB memory built-in, plus additionally equipped SD/SDHC card slot, assure sufficient capacity for recording.

**32GB**  
MEMORY

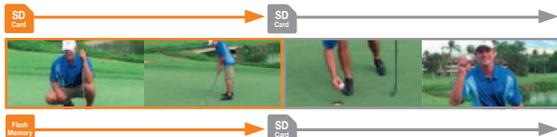
### • Dual SD/SDHC Card Slots

Another type of Memory Everio offers dual slots for SD/SDHC card storage. You can insert up to two 32GB cards.



### Seamless Recording over Two Media

Selected models of Memory Everio offer continuous recording between two media. When one recording media fills up during recording, it automatically switches to the second media and resumes recording. There's no drop-out between recordings.



For details on type of storage media for each model, refer to "Feature Comparison Chart".

## Bluetooth® Expands Camcorder Possibilities GZ-HM550 only

GZ-HM550 features built-in Bluetooth® Wireless Technology. In combination with optional devices, you can enjoy a variety of wireless applications.



### Control and watch from a distance

With a compatible smartphone, you can control the camera's basic operations such as record, zoom, or playback, remotely.



Smartphone Installation of application required

### Transfer stills to a smartphone

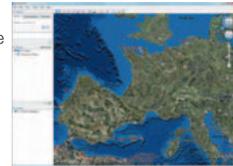
You can transfer still images from Everio to a compatible smartphone, with no cables attached. Makes it easy to carry your favourite images.



Smartphone

### Record location data with GPS

With a GPS unit, you can record location data on movie files. Those files synchronize with Google Earth™ when playing back with Everio MediaBrowser on a PC.



### Capture sound from a headset

With a compatible headset, you can monitor sound while shooting or record your own voice.



Headset

Note: Works at a distance of up to 11 yards/10m (approx.). Depending on radio wave activity or physical obstructions in your surroundings, or characteristics of the product you are using, communication may terminate abruptly, headset audio quality may degrade, or communication distance may become reduced to under 11 yards/10 meters. For more details and compatible devices, please consult your local JVC dealer and JVC website.

# Easy Sharing and Archiving Solutions

## Everio MediaBrowser – Integrated PC Software Included

All Everio models come with high-value software that provides everything from file playback, management, as well as easy sharing functions, within a single application. Its calendar type graphical user interface displays thumbnail images of your recordings, superimposed on the date they were taken.

**Exclusive buttons for sharing**

- Export**  
Export data to iTunes™
- YouTube**  
Upload data to YouTube™
- Share**  
Convert data to WMV file for easy uploading to other sharing site
- Create Disc**  
Burn data to a disc (DVD-Video/AVCHD/Blu-ray, depending on model)

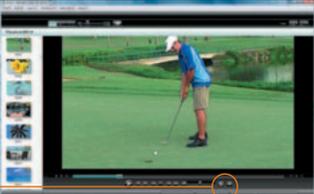
**Easy-to-use calendar-type GUI**



\*Not provided with some models

Just double-click on the scene you want to view, and playback starts. Full-screen viewing and simple cut editing are also possible.

**Easy playback and simple editing**



**Full-screen playback**

### Software System Requirements (Windows®)

**OS:** Microsoft® Windows® XP SP3 Home Edition/Professional (pre-installed), Microsoft® Windows Vista® SP2 Home Basic/Home Premium (32-bit/64-bit, pre-installed), Microsoft® Windows® 7 Home Premium (32-bit/64-bit, pre-installed)

**CPU:** [HD Edition] Intel® Core™ Duo: at least 1.66GHz; Intel® Core™ 2 Duo: at least 2.13GHz recommended  
[SD Edition] Intel® Pentium™ 4: at least 1.66GHz; at least 2.4GHz recommended

**RAM:** [HD Edition] Windows® XP: at least 1GB, Windows Vista®/Windows® 7: at least 2GB  
[SD Edition] Windows® XP: at least 512MB, Windows Vista®/Windows® 7: at least 1GB

**Others:** Standard USB2.0 port, installation of iTunes® is required for exporting to iTunes®, An Internet-accessible environment for uploading videos to YouTube™.

Note: Software for Macintosh is not included. The applicable software is required. The system requirements information above is not a guarantee that the provided software will work on all personal computers meeting those requirements.

## One-touch sharing button on the camera

Some models are equipped with "UPLOAD/EXPORT" button on the main unit. When connected with a PC, press this button to start data conversion and upload the file to YouTube™ or export the file to your iTunes® library\*.

**YouTube**  
One Touch Upload

**Compatible with iTunes**




One Touch!

\*Installation of bundled software required. Export is not available with some models.

## Easy Multi-Format Playback on TV

Optional

CU-VS100 HD Media Player is a video player with dual SD card slot. Connect to any TV via HDMI® or AV cable, then just insert the recorded SD card to enjoy playback right away. No need to connect Everio to your TV each time you want to watch. And since it supports still images and music data too, count on it to entertain you.



### Supported file formats

Video	MPEG-4 AVC/H.264 AVCHD	.mts/m2ts	Photo	JPEG	.jpg
	MPEG-4 AVC/H.264 (Audio: AAC)	.mov		Audio	
MPEG-2 TS	.tod		WAV	.wav	
MPEG-2 PS	.mod/.mpg				

Note: Supports up to 24 Megapixel JPEG files. Some files may not be played back properly even though they are one of above formats. To play back data saved on microSD card, microSD card adapter is required. SD/microSD card and microSD card adapter are not provided.

## PC-less Direct DVD Creation

Optional

CU-VD50/VD3 Everio SHARE STATION® is a DVD burner that lets you archive your video files on DVD discs\* without using a PC. HD Everio can create Full HD AVCHD discs as well as standard DVDs for convenient sharing. Just connect with Everio via USB, follow the simple instructions on Everio's LCD and you're done.



\*Footage recorded in the UXP mode cannot be stored to disc with CU-VD50/VD3. Use the Everio MediaBrowser software on your PC to store footage onto Blu-ray disc or hard disk drive.

# Feature Comparison Chart

					
	<b>GZ-HM550</b>	<b>GZ-HD620</b>	<b>GZ-HD500</b>	<b>GZ-HM320</b>	<b>GZ-HM300</b>
Body color					
Internal Storage Media	32GB Flash	120GB HDD	80GB HDD	8GB Flash	
Memory Card Slot	SD/SDHC	microSD/SDHC	microSD/SDHC	SD/SDHC	Dual SD/SDHC
Image Sensor	1/2.3" 10.62M CMOS (Back-illuminated)	1/4" 3.32M CMOS (Back-illuminated)	1/5.8" 1.37M CMOS	1/5.8" 1.37M CMOS	1/5.8" 1.37M CMOS
Full HD 1920x1080 Recording	●	●	●	●	●
1080/60P Output	●	●	●	●	●
HDMI® (V1.3 with x.v.Color™)	●	●	●	●	●
24Mbps High Bit Rate Recording	●	●	●	●	●
Zoom Ratios (Optical)	10x	30x	20x	20x	20x
(Dynamic)	16x*				
(Digital)	200x	200x	200x	200x	200x
Built-in Bluetooth® Wireless Technology	●				
Super LoLux	●	●			
Advanced Image Stabilizer	●	●	●	●	●
Time-Lapse REC	●	●	●	●	●
Auto REC	●	●	●	●	●
Seamless Recording	●	●	●	●	●
Face Detection & Face Flow Thumbnail		●	●	●	●
Auto Flash	●	●	●	●	●
Auto Illumi. Light	●	●	●	●	●
One Touch Export	●	●	●	●	●
One Touch Upload to YouTube™	●	●	●	●	●
Laser Touch Operation	●	●	●	●	●
DSC Function	●	●	●	●	●
2-Way Grip Belt	●	●	●	●	●
Everio MediaBrowser	● (HD)	● (HD)	● (HD)	● (HD)	● (HD)
SHARE STATION® Compatible	●	●	●	●	●
Remote Control	●	●	●	●	●
Dimensions with battery (inch (mm))	2-3/16x2-1/2x4-9/16 (55x62x115)	2-1/8x2-1/2x4-9/16 (53x63x115)	2-1/8x2-1/2x4-9/16 (53x63x115)	2-1/16x2-1/2x4-9/16 (52x62x115)	2-1/16x2-1/2x4-9/16 (52x62x115)
Weight with battery (lbs (g))	0.67 (300)	0.69 (310)	0.68 (305)	0.57 (255)	0.57 (255)

				
	<b>GZ-MG750</b>	<b>GZ-MS250</b>	<b>GZ-MS230</b>	<b>GZ-MS110</b>
Body color				
Internal Storage Media	80GB HDD	32GB Flash	8GB Flash	
Memory Card Slot	microSD/SDHC	SD/SDHC	SD/SDHC	SD/SDHC
Image Sensor	800K CCD	800K CCD	800K CCD	800K CCD
Full HD 1920x1080 Recording				
1080/60P Output				
HDMI® (V1.3 with x.v.Color™)				
24Mbps High Bit Rate Recording				
Zoom Ratios (Optical)	39x	39x	39x	39x
(Dynamic)	45x	45x	45x	45x
(Digital)	800x	800x	800x	800x
Built-in Bluetooth® Wireless Technology				
Super LoLux	●	●	●	●
Advanced Image Stabilizer	●	●	●	●
Time-Lapse REC	●	●	●	●
Auto REC	●	●	●	●
Seamless Recording				
Face Detection & Face Flow Thumbnail				
Auto Flash				
Auto Illumi. Light	●	●	●	●
One Touch Export	●	●	●	●
One Touch Upload to YouTube™	●	●	●	●
Laser Touch Operation	●	●	●	●
DSC Function	●	●	●	●
2-Way Grip Belt	●	●	●	●
Everio MediaBrowser	●	●	●	●
SHARE STATION® Compatible	●	●	●	●
Remote Control	●	●	●	●
Dimensions with battery (inch (mm))	2-1/8x2-1/2x4-9/16 (53x63x115)	2-1/16x2-1/2x4-9/16 (52x62x115)	2-1/16x2-1/2x4-9/16 (52x62x115)	2-1/16x2-1/2x4-9/16 (52x62x115)
Weight with battery (lbs (g))	0.62 (280)	0.51 (230)	0.51 (230)	0.49 (220)

\*15x when Advanced Image Stabilizer set to ON. Note: For all models, memory card is not provided.

## Approx. recording times for each storage media

### High Definition Models

Mode	120GB HDD	80GB HDD	32GB Flash	8GB Flash	32GB SDHC Card
UXP	11hr	7hr 20min	2hr 55min	40min	2hr 40min
XP	15hr	10hr	4hr 5min	1hr	4hr
SP	21hr	14hr	5hr 50min	1hr 25min	5hr 52min
EP	50hr	33hr	14hr 40min	3hr 35min	14hr 40min

### Standard Definition Models

Mode	80GB HDD	32GB Flash	8GB Flash	32GB SDHC Card
Ultra	19hr	7hr 30min	1hr 50min	7hr 30min
Fine	28hr 20min	11hr 20min	2hr 45min	11hr 20min
Norm	37hr 40min	15hr	3hr 40min	15hr
Eco	100hr	40hr	9hr 50min	40hr

# Optional Accessories

## Data Battery

**BN-VG114**  
Data Battery  
• 3.6V, 1400mAh



**BN-VG121**  
Data Battery  
• 3.6V, 2100mAh



## Battery Charger

**AA-VG1**  
Battery Charger  
• For charging BN-VG series battery



Continuous operation times (approx.)

	HD Everio		Standard Everio	
	HDD models / GZ-HM550	Other models	GZ-MG750	Other models
<b>BN-VG114</b>	1hr 20min	1hr 45min	2hr 30min	3hr 5min
<b>BN-VG121</b>	2hr 5min	2hr 40min	3hr 50min	4hr 40min

### Attention:

Everio includes patented and other proprietary technology and is made to be used with the JVC Data Battery and not with other batteries. JVC cannot guarantee safety or performance of the camcorder when it is operated by other batteries. For additional information about JVC Data Battery, please contact an authorized JVC dealer in your country.

## Starter Kit

**VU-VG1K**  
Starter Kit  
• BN-VG114 Data Battery  
• CB-VM15 Carrying Bag



## Carrying Bag

**CB-VM9**  
Carrying Bag  
• Can carry Everio with the battery attached



## Multifunction Carrying Bag

**CB-VM30/VM70/VM80**  
Multifunction Carrying Bag  
• Can carry Everio with its series of accessories



## Conversion Lens

High Definition models

**GL-V0746**  
Wide-Angle Conversion Lens  
• 0.7x (ø46mm)\*



**GL-V1846**  
Telephoto Conversion Lens  
• 1.8x (ø46mm)\*



\*Adaptor ring (ø37mm) required

## Everio SHARE STATION®

Selected models

**CU-VD50**  
Direct DVD Burner/Player



**CU-VD3**  
Direct DVD Burner



- With HD Everio: Can create AVCHD discs\* and standard DVDs without using a PC
- With Standard Everio: Can create a standard DVD without using a PC
- DVD burning operation can be controlled by Everio
- Playback directly on your TV/display via HDMI\* terminal (CU-VD50)
- Uses DVD-R/-RW disc, DVD-R DL disc supported
- Can be used horizontally or vertically (Stand included)
- Remote control provided (CU-VD50)

\* Footage recorded in the LXP mode cannot be stored to disc with CU-VD50/VD3. Use the Everio MediaBrowser software on your PC to store footage onto Blu-ray disc or hard disk drive.

## HD Media Player

**CU-VS100**  
Multi-Format Player with Dual SD Card Slot



- Plays back video saved on SD card to enjoy viewing on HDTV
- Also compatible with digital still cameras
- Dual SD Card slot for data copy over two cards
- HDMI\*, Audio/Video output
- Remote control provided

## Other Storage and Playback Solutions Recommended Hard Disk Drives / BD Burner

Just connect with Everio via USB\*. Recorded data can be stored and played back with easy operation via connected Everio.

FreeAgent™ Desk  
500GB, 1TB, 1.5TB



Hard Disk, Design by Neil Poulton  
500GB, 750GB, 1TB



LG Blu-ray Drive BE06LU10  
Creates Blu-ray discs without a PCI



\*Optional USB cable required.



## Provided Accessories

- AC Power Adapter
- Rechargeable Battery Pack
- AV Cable
- USB Cable
- Component Video Cable (Selected models)
- Remote Control (Selected models)
- Software CD-ROM

Note: Not all accessories available in every region. Please check with your dealer.

Design and specifications subject to change without notice. The photos of the products featured on this catalog may not be of actual products that are available in your country.

It should be noted that it may be unlawful to re-record pre-recorded tapes, records, or discs without the consent of the owner of copyright in the sound or video recording, broadcast or cable program and in any literary, dramatic, musical, or artistic work embodied therein. HDD models cannot be used in low pressure areas (generally places that are more than 10,000 feet (3,000 meters) above sea level).

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