

# JVC

Everio R 2018



# Everio R

Everlasting Adventures



-  5m Water
-  Dust
-  1.5m Shock
-  -10°C Freeze
-  Long Life

**QUAD PROOF + LONG LIFE**



# 4K

# The adventure continues...

Everio R's adventure continues, so you can go further and discover more with 4K image quality and Quad Proof reliability. Capture every miraculous moment, and share them the moment you come home.



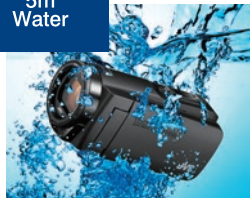
## Quad Proof + Long Life



**Took a dive?  
No problem. It's washable!**



5m  
Water



### 5m Waterproof

Whether you drop it into water or dive with it, IPX6/IPX8 certified waterproofing keeps Everio R running.



Dust



### Dustproof

IP5X certified dustproofing lets you use Everio R in some seriously dusty environments without worry.



1.5m  
Shock



### 1.5m Shockproof

Accidental droppage can destroy an ordinary camcorder, but Everio R is built tough to take it in stride.



-10°C  
Freeze



### -10°C Freezeproof

Take Everio R out in the snow or on the slopes – even if you're freezing, Everio R will keep working.



Long Life



### Internal Long-Life Battery

Shoot entire events, with no risk of damage by changing the battery in bad weather.

Note: Quad Proof is not a guarantee of protection against damage and malfunction.

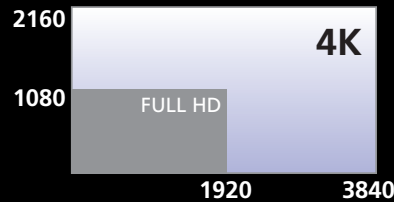
# The First Quad-Proof 4K Cam\*

## 4K Everio R

GZ-RY980 is the first shooting style camcorder to put 4K video and Quad Proof reliability in the palm of your hand. Enjoy powerful imaging capabilities in the form factor known for superior shooting stability.

\*For shooting style camcorders

Detailed, realistic pictures full of presence



4K



FULL HD

**GZ-RY980**

5m Water

Dust

1.5m Shock

-10°C Freeze

4.5H\* Battery

**4K**

**HDMI**  
HIGH-DEFINITION MULTIMEDIA INTERFACE

**SXC**

**AVCHD**  
Progressive

\*In 4K mode, 5.5H in HD mode



## Technologies to maximise the potential of 4K

### Newly-developed JVC 4K GT LENS

Provides a wide angle of 29.9mm, custom-designed for fine image reproduction while maintaining a compact profile.

### 10x Optical Zoom 18x Dynamic Zoom (HD)

### New image processing engine – FALCONBRID 4K

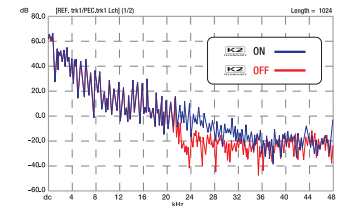
Enables high-speed processing of the massive 4K pixel data for high quality video recording, while also contributing to low power consumption.



1/2.3" 18.9 Megapixel Back-illuminated CMOS Sensor

### K2 Technology

Restores sound elements that are lost during digital compression, assuring realistic sound of recorded scenes.



# Make the most of 4K quality for creative recording



## 4K Everio R

### 8 Megapixel Stills captured from 4K Video

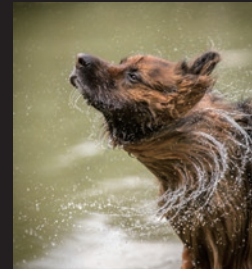
Still images can be freely captured from 4K video, with more than 8 megapixel quality. Grab that crucial moment in a way that still cameras just can't. No need to switch recording modes; no need to carry a separate digital still camera. Just record video and choose the best shots afterward.



Get the best still shot!

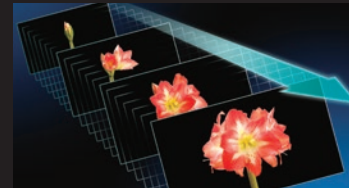
### Full HD High-Speed Recording for Slow Motion Playback

With high-speed recording, you can enjoy impressive slow motion of sports, outdoor and near-water scenes, in HD quality. Try recording situations that only a Quad Proof camera can capture, and savor every second of it.



### 4K Time-Lapse Recording

You can enjoy time-lapse video in 4K quality. Just set the camera and shoot, and that's all. No editing required afterward. Take unique, creative videos that are sure to turn heads.



### Full-Fledged Sound with External Mic Input

Super realistic 4K video deserves high-quality realistic sound to go along with it. You can connect an external microphone to record documentary style soundtracks.



Mounting example with an optional third party microphone and a bar mount.

## Usability and expandability

### Wide Viewing Angle LCD

New 460K-pixel wide viewing LCD with improved visibility outdoors with a built-in polarising plate.



Conventional



New LCD



External Mic Input

USB Standard A  
[for Wi-Fi adapter]

Dual SD Card Slots



A single 64GB card\* can record about 1hr. 45min. of 4K video. Unique features using two cards include; Series Recording to record continuously and seamlessly over two cards and Dual Recording to record the same content (HD only) on both cards.

\*Card is not provided.

USB Type-C  
[for AC adapter/Portable Battery (Power Bank)]

HDMI mini

### Wi-Fi Functions (with optional adapter)

• Remote Operation  
Remote monitoring and camera operation using smartphone/tablet/PC.



• Live Streaming  
Recording and streaming (HD video/audio) are simultaneously possible via Internet.



# HD Models

More to Choose from for Quality, Durability and Compactness

## Full HD 1920x1080 Recording

Enjoy high quality video in Full HD resolution with HD Everio R. 1080/50p progressive recording is also available for high-end models.



## 40x Optical and 60x Dynamic Zoom

Zoom to 40x magnification with full optical quality, then beyond to 60x without sacrificing resolution.



## Zoom Position Memory and Zoom Microphone

You can instantly return to a pre-set zoom position while the zoom microphone varies the focal point to match the picture.

## Internal Memory

In addition to an SD card slot, HD models have an internal memory (8GB or 4GB). Data copy/transfer from internal memory to card is possible.



GZ-RX605



GZ-RX601



GZ-R495



GZ-R405



GZ-R401



## Enhanced Image Stabilisation

Count on steady, less jittery images with effective compensation for camera shake.



Without Stabilisation



With Stabilisation

## Auto Illumi. Light GZ-RX605

Built-in LED light automatically turns on while in dark environments.



## Built-in Wi-Fi GZ-RX605/RX601

- Remote Recording and Data Transfer\*



- Various Functions using Tablet and Apps\*



Mirroring Playback for dance practice, score superimposing, and lots more!

\* Free apps available for Android and iOS.



## Common Features to Enhance Your Outdoor Activities [4K & HD Models]

### Y-Shaped Grip Belt

GZ-RY980

GZ-R495

Y-shaped grip belt ensures more comfortable and stable holding. Its dry-easy material and water-resistant processing make it ideal for use in water.



### See-Saw Zoom Lever

This professional-type zoom lever provides intuitive "Tele and Wide" operation with a forward/backward movement.



### Glove-Sensitive Touch Panel

You can operate even while wearing gloves thanks to the pressure-sensitive touch panel. HD models even offer large menu buttons for easier touch operation.



### Conversion Lens Attachable

The filter thread enables you to attach various third-party filters and conversion lenses to boost your creativity. (46mm for 4K model, 37mm for HD model)



### Compatible with Portable Battery and USB Charging\*

Just connect a commercially-available portable battery (power bank) for additional power. You can quick charge via USB terminal to extend operation time.



\*See next page "Feature Comparison" for more information on compatibility.

### Recording with LCD Monitor Closed

Recording continues even when the monitor is closed so you can use the camera in more active situations.



### Auto Wind Cut

Original technology reduces wind noises picked up at the microphone, so gusts of wind won't spoil your soundtrack.



### Photo-Insert Recording GZ-R495

Record video with the previously-shot still image overlaid in a sub-window. Use it like recording a sightseeing spot with its signboard at the same time.

### PC Software Supplied

Windows PC software supplied (via download or in the camera's memory) for easy import, management and editing of your videos. Also makes sharing your footage on social media a snap.

### Works with iMovie and Final Cut Pro X

You can edit your video afterwards with iMovie or Final Cut Pro X just like the pros do.



### OPTIONAL ACCESSORIES



**Roll Bar Mount**  
MT-RB002

Attach your Everio R (HD models only) to handlebars, roll bars, and more. Compatible with pipes of 21mm – 40mm in diameter.



**Float Strap**  
WA-FL002

To help your Everio R float in water. Bright orange colour makes it easy to retrieve the camera.



**Suction Cup Mount**  
MT-SC002

Attach your Everio R (HD models only) to cars, boats, motorcycles and more. Enjoy onboard-camera footage.

# Feature Comparison

		4K Model		HD Models			
		GZ-RY980	GZ-RX605	GZ-RX601	GZ-R495	GZ-R405	GZ-R401
Colours							
		■	■ (Matte)	■ (Glossy)	■ ■ ■	■ ■ (Matte)	■ (Glossy)
<b>Quad Proof Design</b>		Yes	Yes		Yes	Yes	
<b>Internal Long-Life Battery<sup>1</sup></b>		4.5H (4K) / 5.5H (HD 50i)	5H		5H	5H	
<b>Storage Media</b>	<b>Internal Memory</b>	—	8GB		4GB	4GB	
	<b>Memory Card</b>	SDHC/SDXC <sup>2</sup> , Dual slots	SD/SDHC/SDXC <sup>3</sup>		SD/SDHC/SDXC <sup>4</sup>	SD/SDHC/SDXC <sup>4</sup>	
<b>4K Video Recording</b>		Yes	—		—	—	
<b>AVCHD Progressive Recording</b>		Yes (HD)	Yes		—	Yes	
<b>HD High-Speed Recording for Slow Motion Playback</b>		Yes	—		—	—	
<b>Series Recording between Two SD Cards</b>		Yes	—		—	—	
<b>Dual Recording on Two SD Cards</b>		Yes (HD)	—		—	—	
<b>Image Sensor</b>		1/2.3" 18.9Megapixel Back-illuminated CMOS	1/5.8" 2.5Megapixel Back-illuminated CMOS		1/5.8" 2.5Megapixel Back-illuminated CMOS	1/5.8" 2.5Megapixel Back-illuminated CMOS	
<b>Image Processing Engine</b>		FALCONBRID 4K	FALCONBRID		FALCONBRID	FALCONBRID	
<b>Lens</b>		JVC 4K GT LENS	KONINCA MINOLTA HD LENS		KONICA MINOLTA HD LENS	KONINCA MINOLTA HD LENS	
<b>Zoom Ratios (Optical / Dynamic<sup>5</sup> / Digital)</b>		10x / 18x (HD) / 200x	40x / 60x / 200x	40x / 60x / 100x	40x / 60x / 200x	40x / 60x / 200x	40x / 60x / 100x
<b>Zoom Position Memory / Zoom Microphone</b>		— / Yes	Yes / Yes		Yes / Yes	Yes / Yes	
<b>Power Off Zoom Memory</b>		Yes	—		—	—	
<b>Enhanced Advanced Image Stabiliser</b>		Yes (HD)	Yes		Yes	Yes	
<b>Still Image Size (max.)</b>		3840 x 2160	3680 x 2760		3680 x 2760	3680 x 2760	
<b>Compatible with Potable Battery and USB Charging</b>		Yes <sup>6</sup>	Yes <sup>7</sup>		Yes <sup>7</sup>	Yes <sup>7</sup>	
<b>Wi-Fi Functions</b>		With optional adapter	Yes		—	—	
<b>3.0" Touch Panel LCD</b>		460k-dot, Wide viewing angle	230k-dot		230k-dot	230k-dot	
<b>K2 Technology</b>		Yes	Yes		Yes	Yes	
<b>Auto Illumi. Light</b>		—	Yes	—	—	—	
<b>Time-Lapse REC</b>		Yes, 4K compatible	Yes		Yes	Yes	
<b>Y-Shaped Grip Belt</b>		Yes	—		Yes	—	
<b>Filter Thread</b>		46mm	37mm		37mm	37mm	
<b>Photo-Insert Recording</b>		—	—		Yes	—	
<b>Works with iMovie and Final Cut Pro X</b>		Yes	Yes		Yes	Yes	
<b>Provided PC Software</b>		CyberLink PowerDirector 14 [Via download]	Everio MediaBrowser 4		Everio MediaBrowser 4	Everio MediaBrowser 4	
<b>Connectors</b>		HDMI mini, USB Standard A, USB Type-C, Mic input	HDMI mini, USB Micro, AV Output		HDMI mini, USB Micro, AV Output	HDMI mini, USB Micro, AV Output	
<b>Dimensions (WxHxD)<sup>8</sup></b>		79mm x 76mm x 162mm	60mm x 59.5mm x 127mm		60mm x 59.5mm x 128mm	60mm x 59.5mm x 127mm	
<b>Weight<sup>9</sup></b>		620g	295g		301g	290g	
<b>Provided Accessories</b>		AC Adapter, Power Cable, HDMI Cable (HDMI mini-HDMI), Lens Cap	AC Adapter, Adapter Cable (DC-USB Micro), AV Cable, USB Cable, Lens Cap		AC Adapter, Adapter Cable (DC-USB Micro), AV Cable, USB Cable, Lens Cap	AC Adapter, Adapter Cable (DC-USB Micro), AV Cable, USB Cable, Lens Cap	

<sup>1</sup> Figures are the approximate time of continuous recording of the default setting mode if the internal battery has been fully charged, when the LED light (if available) is off, the monitor backlight is set to standard mode, and without the use of zoom function. <sup>2</sup> For 4K or High-Speed recording, SDHC/SDXC card with Class 10 or higher performance is required. For HD recording, SDHC/SDXC card with Class 4 or higher performance is required. <sup>3</sup> To record video, SDHC/SDXC card with Class 4 or higher performance is required. For 50P/UXP mode, please use Class 6 or higher. <sup>4</sup> To record video, SDHC/SDXC card with Class 4 or higher performance is required. For UXP mode, please use Class 6 or higher. <sup>5</sup> When image stabilisation set to OFF <sup>6</sup> When used with a portable battery that comes with a USB Type-C terminal or a cable with a USB Type-C plug on the end, of over 3A, 5V, 10000mAh or more is recommended. Compatibility is not guaranteed for all portable batteries. <sup>7</sup> When used with a portable battery of over 1.0A, 5V and over 5200mAh. Compatibility is not guaranteed for all portable batteries. <sup>8</sup> Including protrusions, without grip belt <sup>9</sup> Including grip belt

## Video Recording Times

### [4K Model]

	Mode	3840x2160	1920x1080		
		4K 25p/30p (70Mbps)	HD 50p/60p (28Mbps)	HD 50i/60i (24Mbps)	HD 50i/60i (18Mbps)
SDXC Card	32GB	53min.	2hr. 15min.	2hr. 37min.	3hr. 30min.
	64GB	1hr. 45min.	4hr. 30min.	5hr. 15min.	7hr.
	128GB	3hr. 30min.	9hr.	10hr. 30min.	14hr.
	512GB	14hr.	36hr. 10min.	42hr. 10min.	56hr. 10min.

### [HD Models]

	Mode	1920x1080			
		50p (28Mbps)	UXP (24Mbps)	XP (17Mbps)	EP (5Mbps)
Internal Memory	4GB	—	15min.	20min.	1hr. 20min.
	8GB	30min.	35min.	50min.	3hr.
SDXC Card	32GB	2hr. 30min.	2hr. 40min.	3hr. 50min.	14hr.
	64GB	5hr.	5hr. 40min.	8hr. 10min.	28hr. 50min.
	128GB	10hr. 10min.	11hr. 30min.	16hr. 20min.	57hr. 50min.

Note: Figures are approximate and may vary depending on scenes to be recorded.

## Precautions for Quad Proof Function

- Malfunction due to misuse by the customer is not covered by warranty.
- Before use in water, be sure to read the "Detailed User Guide".
- Close the connector cover firmly until it clicks and confirm that the red sign completely goes off.
- Make sure that there is no damage to and no foreign material adhered to the packing inside the cover.
- Use the camcorder in marine water and fresh water not deeper than 5m and for not more than 1 hour (GZ-RY980/GZ-R495)/ 30 minutes (other models).
- The waterproof cannot be guaranteed if the camcorder is subject to impact such as dropping.
- Do not apply impact in water.
- Do not soak the camcorder in hot springs or water of 40°C or higher.
- Dustproof function is not meant to encourage use on sand. Avoid use in conditions where sand and/or dust particles can become lodged in moving parts such as the LCD monitor hinge and zoom lever.
- Temperatures between 0°C and -10°C temporarily lower battery performance, reducing the time available for recording.
- Quad Proof is not a guarantee of protection against damage and malfunction.

## Software System Requirements

### [4K Model] CyberLink PowerDirector 14 (Provided as download)

OS: Windows® 10 (32-bit/64-bit edition)  
Windows® 8.1 (32-bit/64-bit edition)  
Windows® 7 (32-bit/64-bit edition)  
(64-bit recommended)

CPU: Intel® Core™ i5 or higher

RAM: 3GB or more (32-bit), 6GB or more (64-bit)

Display: For playback in 4K resolution,  
4K-compatible monitor is required.

Graphic: VRAM 1GB or more  
For playback in 4K resolution, 4K-compatible  
video card is required.

### [HD Model] Everio MediaBrowser™ 4 (Provided in the built-in memory of the camera)

OS: Windows® 10 Home / Windows® 10 Pro (64-bit edition,  
pre-installed)  
Windows® 8.1 / Windows® 8.1 Pro (64-bit edition, pre-installed)  
Windows® 8 / Windows® 8 Pro (64-bit edition, pre-installed)  
Windows® 7 Home Premium (32-bit edition/64-bit edition,  
pre-installed, SP1)

CPU: Intel® Core™ Duo, at least 1.66GHz

RAM: 2GB or more

Display: 1024x768 pixel or more (1280x1024 or more recommended)  
Graphic: Intel® G965 or higher

For further details, see the Detailed User Guide

## Smartphone/Tablet Apps (Free download)

### Everio sync. 3

For Android phone/tablet with version 4.1 or later  
For iPhone/iPod touch/iPad with iOS 8.1 or later

### JVC CAM Coach 2

For Android tablet with version 4.1 or later  
For iPad with iOS 8.1 or later

Above information is not a guarantee that all devices using those operating systems can use these application features.

**Mobile User Guide**

Now you can check the instructions on the spot with your smartphone!



<http://manual3.jvckenwood.com/mobile/en/>

**Visit Everio Website**

Let's learn more about Quad-Proof Everio on your smartphone/tablet!



[www.jvc.net/everio-e/](http://www.jvc.net/everio-e/)

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# JVC

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