



Black



Black

Orange

GZ-R450
HD Memory Camcorder



- 32GB Internal Memory
- QUAD PROOF Body
- 5H Internal Long-Life Battery*1
- 40x Optical Zoom (60x Dynamic Zoom*2)
- 2.5M Back-illuminated CMOS Sensor
- AVCHD Progressive Video Recording
- Auto Illumi. Light
- SD/SDHC/SDXC Card Slot
- Compatible with Portable Battery*3 and USB Charging
- KONICA MINOLTA HD LENS
- Digital Zoom: 200x
- Super LoLux
- 24Mbps High Bit Rate Recording
- 10M Still Picture
- Simultaneous Full HD Video & 2M Still Shooting
- Enhanced Advanced Image Stabilizer
- Time-Lapse REC
- Close-up Sub-Window
- Special Effects Recording (Video/Stills)
- Built-in Zoom Microphone
- K2 Technology in REC Mode
- Auto Wind Cut
- 3.0" Touch Panel LCD
- Works with iMovie and Final Cut Pro X
- Everio MediaBrowser 4 Software Provided
- Easy Upload to YouTube/ Facebook (HD Compatible)

GZ-R320
HD Memory Camcorder



- QUAD PROOF Body
- 5H Internal Long-Life Battery*1
- 40x Optical Zoom (60x Dynamic Zoom*2)
- 2.5M Back-illuminated CMOS Sensor
- SD/SDHC/SDXC Card Slot
- Compatible with Portable Battery*3 and USB Charging
- KONICA MINOLTA HD LENS
- Digital Zoom: 200x
- Super LoLux
- 24Mbps High Bit Rate Recording
- 10M Still Picture
- Simultaneous Full HD Video & 2M Still Shooting
- Enhanced Advanced Image Stabilizer
- Time-Lapse REC
- Special Effects Recording (Video/Stills)
- Built-in Zoom Microphone
- K2 Technology in REC Mode
- Auto Wind Cut
- 3.0" Touch Panel LCD
- Works with iMovie and Final Cut Pro X
- Everio MediaBrowser 4 Software Provided
- Easy Upload to YouTube/ Facebook (HD Compatible)

*1 5H is the approximate time of continuous recording in 60i 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.
 *2 Limited to 55x when Advanced Image Stabilizer (AIS) is set to ON. Dynamic Zoom does not work when AIS is set to Enhanced mode.
 *3 When used with a portable battery of over 1.0A, 5V and over 5200mAh. Compatibility is not guaranteed for all portable batteries.

Provided Accessories

- AC Power Adapter and Cable
- AV Cable
- USB Cable

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" in the built-in memory of the camcorder.
- 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/16.4ft and for not more than 30 minutes.
- 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/104°F 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/32°F and -10°C/14°F temporarily lower battery performance, reducing the time available for recording.
- Quad Proof is not a guarantee of protection against damage and malfunction.

Everio MediaBrowser™ 4
(Provided in the built-in memory of the camera)

System Requirements

OS: 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)
 Windows Vista® Home Basic / Home Premium (32-bit edition/64-bit edition, pre-installed, SP2)
 CPU: Intel® Core™ Duo, at least 1.66GHz
 For further details, see the Detailed User Guide.



Mobile User Guide

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



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

Visit Everio Website

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



www.jvc.net/everio-2015/



ALL-WEATHER CAM
Keep going. Keep safe.



AVAILABLE AT



Everio

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Your memories keep shining whether it's raining or snowing

With a tough quad-proof body for protection from bad weather and bad luck, and internal long-life battery for endurance — Everio lets you keep going and keep safe at the same time.



5m/16.4ft Waterproof

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



Dustproof

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



1.5m/4.9ft Shockproof

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



-10°C/14°F Freezeproof

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



5H¹ Internal Long-Life Battery

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



Compatible with Portable Battery² and USB Charging. Additional power wherever you are.



¹ 5H is the approximate time of continuous recording in 60i 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.
² When used with a portable battery of over 1.0A, 5V and over 520mAh. Compatibility is not guaranteed for all portable batteries.

Powerful Imaging Performance

Full HD 1920x1080 Recording

Record, watch and share high quality video in native Full HD resolution. 1080/60p progressive recording is also available for the high-end model.



Powerful Zoom and Sound

40x Optical and 60x Dynamic Zoom

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



Super LoLux

2.5M Back-illuminated CMOS Image Sensor helps indoor and night scenes look brilliant.



Without Super LoLux



With Super LoLux

Enhanced Image Stabilization

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



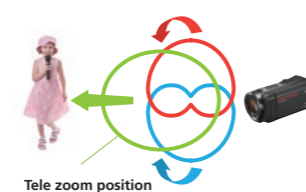
Without Stabilization



With Stabilization

Zoom Microphone

Sound zooms along with the picture for a perfect match.

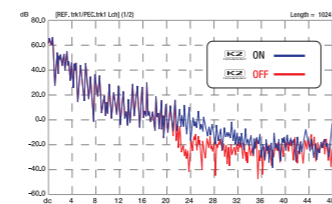


Tele zoom position

K2 Technology



Applied during recording for superior fidelity during playback.



Auto Wind Cut

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

Powerful Creative Capabilities

Close-up Sub-Window*

Keep an eye on the whole team while getting a special close-up look at your hero.



* Applicable model only.

Time-Lapse REC

Records one frame at a time at set intervals for a fast-motion view.



Special Effects Video Recording

Interesting visual effects to spice-up any scene. Works with still images too.



Grainy Monochrome

Food Mode

Baby Mode

Works with iMovie and Final Cut Pro X

Edit your video afterwards just like the pros do.



Everio

QUAD PROOF + LONG LIFE

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