

ZR800 ZR830 ZR850

MiniDV CAMCORDERS



Affordable Performance

Whether you're shopping for your first camcorder, or would like to upgrade from analog to digital, Canon's ZR camcorders are perfect for you. The MiniDV ZR800, ZR830 and ZR850 are affordable, high-performance, and easy-to-use. They come with an array of advanced features, as well as Canon's longest optical zoom — a brilliant 35x Optical Zoom lens with outstanding image quality and color clarity. With the new ZR series of camcorders, you also get an easy-to-read menu system, joystick controller, Level and Grid Markers, and Quick Start feature.

All this in pocket-sized camcorders

with three distinctively-colored back panels: the ZR800's Deep Blue, the ZR830's Dark Gray, and the ZR850's Pearl Black. With all this stylish functionality, it's no surprise that capturing your precious memories is a breeze.

OPTICAL PERFORMANCE YOU CAN SEE

 **Genuine Canon Video Lens** Your ZR800/ZR830/ZR850 camcorders come with Genuine Canon Optics, known worldwide by professionals and consumers alike for unsurpassed optical performance. In addition, the ZR camcorders come equipped with Canon's longest zoom ever: a 35x Optical Zoom. Plus, a powerful 1000x digital zoom lets you get close to the action from even farther away. Other features help you get the most out of the new ZRs' impressive lenses. The image stabilizer allows you to shoot rock-steady video, even at maximum telephoto without a tripod. And with Canon's smooth zoom control you'll have three, pre-set zoom speeds that ensure professional, steady zoom shots.

35x/1000x
OPTICAL ZOOM / DIGITAL ZOOM

EASY OPERATION

The new ZR camcorders come with a Joystick feature that lets you control Play, Stop, Fast Forward, and Rewind functions during playback. It also controls exposure lock and exposure compensation during recording. With Quick Start (ZR830, ZR850), you'll never miss a shot again. Simply push the Quick Start button to put your camcorder in Quick Start mode. Push the Quick Start button again, and your camcorder powers up and begins to record in less than a second. By using Quick Start, you extend the life of your battery considerably compared to that of regular recording mode. Also, an easy-to-read menu system makes the ZRs a breeze to operate. Plus, this versatile trio is designed for lower battery consumption — so you can keep on recording.



Quick Start



BRILLIANT VIDEO

The new ZR camcorders feature Canon's exclusive DIGIC DV image processor, which processes video and photos differently, resulting in exceptional color and clarity for both. Other features make it easy to record brilliant video. Capturing level, well-composed shots are simple with these ZRs. Line up the horizon or other horizontal lines with the Level Marker in the viewfinder for level landscapes. Or, use the Grid Marker to help compose the perfect shot. Both markers can be set to white or grey for enhanced visibility, no matter what the background. The ZR850 even comes with a built-in video light so you can record video that's great — when the light isn't.

MEGAPIXEL PERFORMANCE

With the ZR850 you get a 1.07 megapixel CCD image sensor which allows for sharper video and photos.

WIDESCREEN HR RECORDING

The ZR800, ZR830 and ZR850 record true High Resolution Widescreen for video that looks spectacular on your widescreen TV. Canon's Widescreen HR uses the entire width of the image sensor, capturing a big picture in true widescreen. That means more pixels — which translates into amazing image quality. A 2.7" widescreen LCD and 0.35" color viewfinder let you see exactly what your camcorder is recording and what you'll see on your TV. Even if you don't have a widescreen television at home, you can watch video shot in widescreen HR. The video will be displayed in letterbox format, just like movies you buy or rent from the store.

PERFECT EXPOSURES

The new ZR line of camcorders give you exposure controls found on expensive digital still cameras. You can use the versatile Joystick to lock your exposure in difficult lighting situations. For example, when recording someone against a light or dark background, you can zoom in on their face and lock your exposure. Then, when you zoom out and start recording, the exposure on your subject's face remains perfect. You can also use the Joystick to adjust your exposure by up to +/- 11 stops (+/-2.75 EV). The Auto Slow Shutter function ensures perfect exposures in low light by lowering your shutter speed with. Finally, there's a Program AE Mode settings that will give you perfect exposures in a variety of conditions: snow, beach, sunset, spotlight, fireworks, portrait, sports and night.

EXPERIENCE DIGITAL PHOTOGRAPHY (ZR850, ZR830)

When you've got your ZR830 or ZR850 with you, you can leave your digital still camera at home. That's because with Canon's DoubleShot technology, you don't just get video and photography — you get the best of both. The ZR830 and ZR850 come with features like Progressive Photo for sharp detail, Special Scene Modes, and Image Effects. You also get 9-Point AiAF Autofocus, and Simultaneous Photo Recording.

SHARE YOUR VIDEOS

The ZR800, ZR830 and ZR850 come with an array of features that make it easy to share your videos. With an IEEE1394 DV Terminal, you can effortlessly transfer video to your computer. With the ZR830 and ZR850's Motion JPEG Mode, you can also record movie clips directly to your camcorder's memory card for posting online or e-mailing to family and friends.

SHARE YOUR PHOTOS

The ZR830 and ZR850 give you a variety of ways of sharing your photos with friends and family. With both, it's easy to share digital photos via email because you can easily transfer images directly to your PC using the USB terminal. You can also print directly from your camcorder to any PictBridge-compatible printer, or store your digital photos on a Secure Digital (SD) Memory Card or a MultiMediaCard. Plus, these new ZRs are SD HC compatible, which allows you to use cards with a capacity of 2GB or larger. That means you can store even more digital photos than before.



ADDITIONAL FEATURES

Built-in Manual Lens Cover
Built-in LED Lamp
USB Terminal (Supports PictBridge) (ZR850, ZR830)
Microphone Terminal (ZR800)
Remote Control (ZR850, ZR830)

1-YEAR PARTS AND LABOR LIMITED WARRANTY

Canon's camcorder limited warranty provides protection long after other manufacturers' warranties expire.



ZR800



ZR830



ZR850

SPECIFICATIONS

Tape Format	MiniDV
Max. Recording Time	SP: 80 min.; LP: 120 min. (80 min. cassette)
Image Sensor	1/6" CCD ZR850: 1.07 megapixels ZR800, ZR830: approx. 680,000 pixels
Effective pixels:	ZR850: tape: 4:3 - approx. 690,000 pixels 16:9 (IS* off) - approx. 710,000 pixels 16:9 (IS* on) - approx. 550,000 pixels card: approx. 800,000 pixels ZR830, ZR800: tape: 4:3 - approx. 340,000 pixels 16:9 (IS* off) - approx. 450,000 pixels 16:9 (IS* on) - approx. 360,000 pixels card: approx. 450,000 pixels
Lens	focal length: 2.6-91mm, f/2.0 - 5.0, 35x Optical Zoom
LCD Screen	2.7", approx. 112,000 pixels, wide-screen
Viewfinder	0.35", 114,000 pixels, wide-screen
Minimum Illumination	2 lx (Night mode)
Recommended Illumination	More than 100 lx
Exterior Colors	ZR850 Pearl Black ZR830 Dark Gray ZR800 Deep Blue
Dimensions (W x H x D) (not including grip belt)	2.2 x 3.6 x 4.7 in. (57 x 92 x 119 mm)
Weight (camcorder body only)	ZR800: 13.2 oz. (375g) ZR850, ZR830: 13.4 oz. (380g)

* IS - Image Stabilization

For complete specifications, visit our website www.canondv.com.

ZR800/ZR830/ZR850 Kit

ZR800/ZR830/ZR850 Camcorder
Compact Power Adapter CA-590
Battery Pack BP-2L5
Stereo/Video Cable STV-250N
USB Cable IFC-300PCU
Wireless Controller WL-D85 (ZR850, ZR830)
Digital Video Solution Disk for Windows & Macintosh (ZR850, ZR830)



OPTIONAL ACCESSORIES

Battery Pack NB-2LH
Battery Pack BP-2L14
Battery Charger CB-2LW
Soft Carrying Case SC-2000
USB Cable IFC-300 (ZR850, ZR830)
Digital Video Solutions Disc for Windows/Mac (ZR850, ZR830)

Canon
image*ANYWARE*

www.canondv.com
1-800-OK-CANON

Canon U.S.A., Inc.
One Canon Plaza
Lake Success, NY
11042 U.S.A.

Canon Canada Inc.
6390 Dixie Road
Mississauga, ON
L5T 1P7 Canada

Canon Mexicana, S. de R.L. de C.V.
Blvd. M. A. Camacho No. 138,
Piso PB, 15, 16 y 17,
Col. Lomas de Chapultepec,
C.P. 11000 México D.F., México

Canon Latin America
703 Waterford Way
Suite 400
Miami, FL 33126
U.S.A.