

DCR-HC90 MiniDV Handycam® Camcorder

Product Specifications

Imaging Device 1/3" Advanced HAD™ CCD
Pixel Gross 3310K
Recording Media MiniDV Cassette, Memory Stick PRO™ Media, Memory Stick PRO Duo™ Media
Recording and Playback Times SP: 60 min., LP: 90 min.
Video Actual 2050K Pixels
Still Actual 3000K Pixels
35mm Equivalent 42.8-495mm (16:9 Camera Mode), 45-450mm (4:3 Camera Mode), 40.6-406mm (16:9 Memory Mode), 37-370mm(4:3 Memory Mode)
Aperture f1.8-f2.9
Exposure Touch Panel (24 steps)
Filter Diameter 30mm
Focal Distance 5.1-51mm; 370mm (Telemacro)
Focus Full Range Auto, Manual (Touch Panel)
Progressive Shutter Mode Yes
Shutter Speed 1/2-1/4000 (AE Mode)
Optical Zoom 10X
Digital Zoom 120X
Video Recording System 2 Rotary Heads, Helical Scanning System
Video Signal System NTSC color, EIA standards
Analog-to-Digital Converter Yes (with Pass Through)
Dolby® Digital Output PCM
Recording System Stereo
LCD 2.7" (123K Pixels Wide Touch Panel SwivelScreen™ LCD Display)
Lens Type Carl Zeiss® Vario-Sonnar® T
Viewfinder Color (123K Pixels)
Docking Station N/A
Microphone Yes (Built-in Stereo)
LANC Terminal Yes (Stereo Mini)
Analog Audio/Video Input(s) Yes (Multi A/V)
Analog Audio/Video Output(s) Yes (Multi A/V)
Digital Audio/Video Input(s) Yes (via i.LINK®)
Digital Audio/Video Output(s) Yes (via i.LINK®)
USB Port(s) Yes (1.1 compliant)
i.LINK® Interface Yes
Component Video (Y/Pb/Pr) Output(s) N/A
Headphone Jack N/A
Microphone Input Yes (thru Active Interface Shoe)
Remote Jack N/A
S-Video Input(s) Yes
S-Video Output(s) Yes
USB Streaming Yes
SteadyShot® Image Stabilization Yes (Super; Electronic)
Accessory Shoe Active Interface Shoe
White Balance Auto, Indoor, One-push, Outdoor
Memory Stick PRO™ Media Compatibility Tested to support up to 1GB media capacity; does not support high speed transfer function; does not support Access Control security function.
Still Image Mode(s) JPEG
Minimum Illumination 5 Lux (0 Lux with Super NightShot® Infrared System)
Low Light Capability Super NightShot® with Color Slow Shutter
Easy Operation Easy Handycam® Button, End Search, One Touch Wide Angle Shooting, On Screen Zoom, Record Buttons
Fader Effects Black, Dot Fader, Monotone, Mosaic, Overlap, White, Wipe
Multiple Language Display Yes
Remote Control Yes
Slide Show Mode Yes
Titling N/A
Light/Flash No/Yes
Movie Mode(s) MPEG
Scene Mode(s) Beach & Ski, Landscape, Portrait, Sports Lesson, SpotLight, Sunset & Moon
Picture Effect(s) Black & White, Mosaic, Negative Art, Pastel, Sepia, Solarize
Digital Picture Effect(s) Cinema, Delay, Flash, Luminance Key, Old Movie, Slow Shutter, Still, Trail
PictBridge Compatible Yes
Power Consumption 3.0W/3.3W/3.5W (VF/LCD/VF LCD)
Battery Type InfoLithium® with AccuPower™ Meter System (NP-FA50)
Power Requirements 7.2V (battery pack); 8.4V (AC Adaptor)
Limited Warranty 1 Year Parts; 90 Days Labor
Operating System Compatibility Microsoft® Windows® 98, 98SE, ME, 2000 Professional, XP Home, XP Professional, Macintosh® OS X (v10.1.5 or later)
Supplied Software Picture Package™ Ver. 1.5
Weight (Approx.) 16 oz (440 g) main unit only; 1 lb. 3 oz. (540g) inc. NP-FA50 rechargeable battery pack and DVM60 cassette and shoulder strap
Dimensions (Approx.) 2 3/5 x 3 7/12 x 4 1/3" (66 x 91 x 110mm)
