Shooting high-quality video is easy with the Sony® DCR-DVD650 Handycam® Camcorder. The powerful 60x optical zoom lens gets you close to the action, while SteadyShot® Image Stabilization reduces blur. And with Hybrid recording technology, you can capture it all directly to a DVD, or to removable Memory Stick PRO Duo™ media.

1/8" Advanced HAD® CCD sensor
Offering a 680K (gross) pixel resolution, delivers stunning detail and clarity for exceptional video and still image performance.

Zoom (60x Optical, 2000x Digital)
Ideal for sporting events, wildlife, or distance shooting, the 60X optical zoom brings you closer to the action, so you can capture extremely tight shots, even from far away.

Carl Zeiss® Vario-Tessar® lens
Features precision-ground optics to help achieve the sharpness and contrast usually found in larger lenses, plus SteadyShot® image stabilization to help reduce blur caused by camera shake.

DVD-R/-RW/+RW and +R DL Compatible
Compatible with a variety of DVD formats [DVD-R/-RW/+RW and +R DL (Dual Layer)]. With DVD+RW media, there’s no need to finalize the disc before playing it in a compatible DVD or Blu-ray Disc™ player.6

Hybrid Recording Technology
Lets you record digital videos and photos to your camcorder's built-in hard disk drive (HDD), or to removable Memory Stick PRO DUO™ or SD card media (both sold separately). You can even copy video or still images directly from the HDD to removable media—without a PC.

2.7" Touch Panel LCD Display³
Provides excellent viewing clarity with 123K pixel resolution. The display rotates up to 270 degrees for multiple viewing angles, as well as provides sharp, detailed images for monitoring or playback. The convenient touch panel allows easy access to menus and additional functionality such as spot focus and spot metering.

Film Roll Index
Previews the beginning of scenes and automatically creates indexes set at specified display intervals

Additional Features:
• Face Index Function
• Playback Zoom
• USB 2.0 Interface
• Power On by LCD
• Built-in Zoom Mic
• Color Viewfinder
• Sony® PMB (Picture Motion Browser) software⁹
• One Touch Disc Burn¹²
• Easy Handycam® Button
Specifications

**IMAGER**
- Imaging Device: 1/8" Advanced HAD® CCD Sensor
- Processor: N/A
- Image Sensor Size: 680k

**VIDEO**
- Video Actual 16:9: 1400k pixels
- Video Actual 4:3: 3400k pixels
- Video Resolution: 720 x 480
- Video Signal System: NTSC color, EIA standards
- Video Format(16:9) Supported: SD (KPEG-2)

**STILL PICTURE**
- Still Actual 16:9: 250k pixels
- Still Actual 4:3: 3400k pixels
- Still Picture Resolution: 680k

**AUDIO**
- Audio Recording Format: Dolby® Digital 2ch stereo
- Microphone: Built-in Zoom Microphone

**MEDIA TYPE**
- +R / RW / +RW / +R DL
- Memory Stick PRO Duo™

**RECORDING-CAPACITY**
- Rec. / Playback +R / RW / +RW / +R DL
- Memory Stick PRO Duo™

**STORAGE & LENS**
- Lens Type: Carl Zeiss® Vario-Tessar®
- 35mm Equivalent 16:9: 39 x 2340mm
- 35mm Equivalent 4:3: 44 x 2640mm
- Aperture: F1.8 - 6.0
- Exposure Control: Yes
- Focal Distance (mm): 1.8 - 108mm
- Focus System: Full Range Auto/Manual (Touch Panel)
- Progressive Shutter Mode: N/A
- Shutter Speed: 1/4 - 1/4000
- Minimum Illumination: 6 lux (Auto Slow Shutter On, 1/30 Shutter Speed)
- Optical Zoom: 60x
- Filter Diameter (mm): 62

**DISPLAY**
- Display: 2.7" touch panel LCD display (123k pixels)
- View Finder: Yes

**HARDWARE**
- Flash: N/A
- Memory Stick PRO Duo™ Media Slot: Yes
- Manual / Auto Lens Cover: Manual
- Assignable Dial: N/A
- 5/5 & Zoom Button on LCD: Yes

**INPUTS & OUTPUTS**
- Audio/Video Remote Terminal: Video/3 Video/Audio
- Analog Audio/Video Output(s): Video/3 Video/Audio
- LANC Terminal: N/A
- Digital Audio/Video Output(s): N/A
- USB Port(s): H-speed (2.0 compliant)
- Component Video (Y/Pb/Pr): N/A
- Component Video Output(s): N/A
- HDMI™ Connection Output(s): N/A
- headphone Jack: N/A
- Microphone Input: N/A
- Active Interface Shoe: N/A

**CONVENIENCE**
- Hybrid: Yes
- Hybrid Plus: No
- Quick On: Yes, Power On with LCD

**CONVENIENCE FEATURES**
- Scene Selection Mode(s): Auto, Twilight, Candle, Sunrise & Sunset, Fireworks, Landscape, Portrait, Spotlight, Sports, Beach, Snow

**FOOTNOTES**
1. Viewable area measured diagonally
2. Use of Sony DVD-R and DVD-RW media recommended. DVD and Blu-ray Disc media/formats are not universally compatible.
3. Requires Microsoft Windows XP SP3 / Windows Vista SP1. Not supported by Mac OS.
4. One Touch Disc Burn feature requires DCR/DVD9™ recorder (sold separately) or compatible PC with supplied PMB software.
5. Battery (sold separately) or compatible PC with supplied PMB software.
6. Use of Sony DCR and DVD-R media recommended. DVD and Blu-ray Disc media/formats are not universally compatible.
7. Requires Microsoft Windows XP SP3 / Windows Vista SP1. Not supported by Mac OS.
8. One Touch Disc Burn feature requires DCR/DVD9™ recorder (sold separately) or compatible PC with supplied PMB software.
9. Application Software (CD-ROM)

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