The HDR-CX500V employs an advanced “Exmor R” CMOS sensor for excellent low light, 1920 x 1080 high definition video and 12 megapixel still images all to 32GB of internal flash memory. In addition, a built-in GPS receiver Geo-tags your videos and photos.

- 1920 x 1080 high definition video recording
- 12 megapixel still image capture
- 32GB Flash memory
- Dual Record with 8.3MP still image capture
- Built-in 3D Image Processor
- Optical SteadyShot™ image stabilization with Active Mode and 3-Way Shake Canceling
- Professional-quality Sony® G Lens Designed specifically to complement the “Exmor R” CMOS sensor with ClearVid™ array, the professional-quality Sony® G Lens delivers superior optical performance. Extra-low Dispersion (ED) glass reduces chromatic aberration for more accurate color reproduction with less “fringing”, and precision ground optics offer stunning resolving power to bring you sharp, amazingly detailed images.

**ADDITIONAL FEATURES**

- 3.0“ wide touch panel Clear Photo Plus LCD™ display (230K pixels)
- Power On by opening LCD display
- Highlight Playback
- 12X Optical / 150X Digital Zoom
- Dolby® Digital 5.1ch recording with Built-in Zoom Mic
- Dual Record with 8.3MP still image capture
- PC & Mac Compatibility
- Assignable Dial
- Built-in Intelligent Flash:
  - x.v. Color™ technology for superior color:
  - x.v.Color™ connection:
  - USB 2.0 interface:
  - BIONZ™ Image Processor:
  - Film Roll Index:
  - Face Index function:
  - Hybrid Recording to HDD or Memory Stick Duo™ media
  - Burn Direct to DVDirect® express DVD burner (sold separately)
  - One Touch Disc Burn
  - Record and zoom controls on LCD frame
  - BRAVIA® Sync™ technology:
  - Auto Lens Cover:
  - Dynamic Range Optimizer:
### Specifications

#### General
- Imaging Device: 1/2.88" Exmor R CMOS sensor
- Pixel Gross: 6631K
- Recording Media: 32GB Non-Removable flash memory; Memory Stick PRO Duo ™ Media (Sold Separately)
- Recording and Playback Times: 32GB Flash: High Definition (5.1ch): FH = up to 225 min., HQ = up to 455 min., SP = up to 575 min., LP = up to 740 min.
- Standard Definition (5.1ch): HQ = up to 460 min., SP = up to 680 min., LP = up to 1300 min.
- Video Actual: 4150K Pixels (16:9), 3110K Pixels (4:3)
- Still Actual: 4500K Pixels (16:9), 6000K Pixels (4:3)
- Processor: BIONZ ™ image processor
- Video Resolution: 1920 x 1080
- Still Picture Resolution: 12 megapixel

#### Audio
- Recording Format: Dolby® Digital 5.1
- Microphone: Built-in 2.0mm Microphone

#### Convenience
- Accessory Shoe: Yes (Active Interface Shoe)
- Memory Stick PRO Duo ™ Media Compatibility: Yes
- Still Image Model(s): J PEG
- Face Detection: Yes
- Hybrid: Yes
- Quick On: Power on by LCD
- Dual Record: 8.3 megapixel
- Dynamic Range Optimizer: Yes
- Scene Mode(s): Auto, Twilight, Twilight Portrait, Sunrise & Sunset, Fireworks, Landscape, Portrait, Spotlight, Beach, Snow
- Image Stabilization: Optical SteadyShot™ w/ Active Mode and 3-way Shake Cancellation
- Smile Shutter ™ technology: Yes

#### Easy Operation
- Easy Operation: No
- Multiple Language Display: Yes
- Slide Show Mode: Yes
- Picture Effect(s): No
- Digital Picture Effect(s): No
- PicBridge Compatible: No
- Low Light Capability: NightShot
- Fader Effect(s): Black, White
- Face Index: Yes
- Film Roll Index: Yes
- Photo Capture from Movie: Yes
- x.v.Color™: Yes
- BRAVIA® Sync ™: Yes

#### Video
- Format: HD: MPEG4 AVC / H.264; SD: MPEG2
- Video Signal: HD: 1920x1080/60i; SD: NTSC, color, EIA standards

#### Video Features
- Photo/TV HD: Yes

#### Analog Outputs
- Analog Audio/Video Output(s): Included (via A/V Remote Terminal)

#### Microphone Input: No

#### S-Video Output(s): Sold separately (via A/V Remote jack)

#### HDMI™ Connection Output(s): Yes (mini)

#### Audio/Video Remote Terminal: Video / S Video / Audio / Component Out / Remote Active Interface Shoe: Yes

#### Display
- LCD Screen: 3.0" wide touch panel Clear Photo Plus LCD display (230K pixels)

#### Hardware
- Memory Stick slot: Memory Stick PRO Duo ™ Media
- Manual / Auto Lens Cover: Auto
- Assignable Dial: Yes
- S’ & Z button on LCD: Yes
- Light: Flash: Yes
- Optics/Lens
- Filter Diameter: 37mm
- Focal Distance: 5.5 - 66.0mm
- Focus: Full range Auto / Manual (Touch Panel)
- Shutter Speed: Scene Selection, 1/8-1/725; STD, 1/60-1/725
- Optical Zoom: 12x
- Digital Zoom: 150x
- Resolution: 12 megapixel still
- Lens Type: G Lens
- Minimum Illumination: STD, 11 lux (1/60 Shutter Speed); LOW LUX, 3 lux (Auto Slow Shutter ON, 1/30 Shutter Speed)

#### Power
- Battery Type: InfoLITHIUM ™ with AccuPower™ Meter System (NP-FH40)
- Power Requirements: 7.2V (battery pack); 8.4V (AC Adapter)
- Power Consumption: (In Operation): 3.6W

#### Service and Warranty Information
- Limited Warranty Term: Limited Warranty — 1 Year Parts; 90 Days Labor

#### Software
- Supplied Software: PMB Ver.4.2.14 Supported by Windows® 2000 Professional Service Pack 4 (SP4), Windows XP Service Pack 3 (SP3) (32bit); Windows Vista® Service Pack 1 (SP1) (32bit).
- Not supported by Mac OS.

#### Dimensions
- Weight: w/o battery: 1.3oz (370g), w/ battery: 1lb 6oz (450g)
- Measurements: 2 1/2 x 2 8/5 x 3 1/8 inch (62 x 65 x 133mm)

### Optional Accessories

- Rechargeable InfoLITHIUM Batteries (NP-FH50/ FH70/ FH100)
- Case (LCSS-88DB/ W/L)
- Starter Kit (ACC-AS5H, ACC-HDH6)
- AC Adapter/ Charger for H series batteries (AC-VQH10)
- Travel Charger (BC-TRP)
- Wireless Microphone (ECM-HW2)
- Wide Angle Conversion Lens (VCL-HG07A)
- HDMI Cable (mini) (VMC-30HMD)
- Tripod (VCT-800AV)
- Video Light (HVL-L10N)
- Underwater Sports Pack (SPK-HCE)

**UPC Code:** 027247265245

1. 32GB equals 32 billion bytes. A portion of 1.3GB of the total storage is used for system management and or application files.
2. This camcorder captures high definition footage in the AVCHD format. High Definition AVCHD discs can be created using standard DVD media, the supplied software and a compatible PC. DVD media containing AVCHD footage may be played on a compatible Blu-ray Disc™ player/recorder. PC with supplied software or PLAYSTATION® devices. DVD media containing AVCHD footage should not be used with standard DVD based players, as the DVD player may fail to detect the media and may erase its contents without warning.
3. Viewable area measured diagonally.
4. 3D viewing requires compatible HDMI and HDMI cable, both sold separately.
5. Works with other BRAVIA® Sync or Theatre Sync ™ labeled HDRVs when connected via HDMI interface.
6. x.v. Color ™ technology is supported only where source product, media and HDV all support these features.
7. NAVTEQ map detail on the camcorder is limited in some areas. By using a compatible PC, a broadband internet connection, and supplied Picture Motion Browser software, your photos and videos can be shown on an online map service. The online map service is currently provided courtesy of Google, and is subject to change or termination without notice.
8. Picture Motion Browser software requires Microsoft Windows XP SP3/ Windows Vista SP3, Picture Motion Browser software not supported by Mac OS. AVCHD recording format is compatible with iMovie® or later versions.
9. Smooth Slow Record captures 3 seconds of video which play back over 12 seconds.
10. One Touch Disc Burn feature requires DVE/direct (sold separately) or compatible PC with supplied PBM software.

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