



# HDR-CX560V

## High Definition Handycam® Camcorder

With its back-illuminated "Exmor R" CMOS sensor, the HDR-CX560V HD Handycam camcorder delivers superb low-light video. Full HD 60p recording capabilities offer incredibly detailed playback of your precious memories. The wide angle Sony® G Lens lets you capture more of the action with sharp images and brilliant, accurate colors.



High Definition

### 1920x1080 Full HD 60p Recording w/12MP still image capture

The Sony HDR-CX560V offers 1920x1080 high definition resolution letting you record your memories in exceptional Full High Definition quality. Capable of 60p recording with playback via HDMI™ (cable sold separately) to an HDTV providing stunning clarity and incredibly detailed and smoother playback of your memories.

### 64<sup>1</sup> GB embedded Flash Memory for up to 26 hours of recording

The built-in 64 GB<sup>1</sup> embedded Flash memory can record and store up to 26 hours of high definition video footage (HD LP mode).\*

### Assignable Dial (Iris/Shutter/Exposure/WB/Focus)

Get the most out of your camcorder with enhanced manual controls. The assignable dial allows for control of focus, exposure, white balance, iris, and shutter speed.

### Cinematone and 24p recording for cinematic quality video

For extra control over image expression, Cinematone technology is used to deepen the color and recreate film-like color tones. Combined with 24p recording, you'll have some of the tools you need to fulfill your need for cinematic expression.

### Wide Angle G lens to capture everything you want

Experience the pinnacle of Sony® Lens technology with the professional-quality G Lens. Engineered for superior optical performance, Sony G lenses deliver brilliant, accurate color reproduction and sharp, amazingly detailed images. In addition, the 26.3mm focal length offers a broader perspective for enhanced wide angle shooting.

### Back-illuminated "Exmor R" CMOS sensor for superb low-light video

Experience stunning low-light sensitivity with improved image clarity and drastically reduced grain with Sony's back-illuminated "Exmor R" CMOS sensor. Designed for compact cameras and camcorders, the "Exmor R" sensor relocates the photo diodes above the support circuitry, maximizing the light gathering area per pixel so you can shoot with better results in lower lighting conditions.

### Optical SteadyShot™ image stabilization w/Active Mode

Optical SteadyShot image stabilization with Active Mode compensates for greater degrees of camera shake to deliver stunningly smooth video from wide angle to full telephoto shooting. In addition, innovative 3-Way Shake-Canceling adds electronic roll stability for even smoother video capture.

### Additional Features:

- 14x Extended Zoom to get even closer to the action
- 3.0" Xtra Fine LCD™ display (921K) w/ TruBlack™ technology
- Tracking Focus follows selected subjects
- 5.1ch Surround mic for vivid and dynamic surround sound
- Wind noise reduction for clear voice recording
- Expanded recording/monitoring with mic/headphone jack
- Active Interface Shoe to attach intelligent accessories
- Event Browse groups video/stills by events automatically
- Highlight Playback creates movies with transitions for you
- Intelligent Auto (90 different scene combinations possible)
- S-Master™ digital amplifier for true and dynamic output
- Clear Phase stereo speakers for true-to-life audio playback
- Golf Shot
- NightShot® technology
- Built-in GPS
- Direct Copy to external hard drive without PC<sup>13</sup>
- Built-in USB Cable & pre-installed PMB portable

# Specifications

| IMAGER                              |  |
|-------------------------------------|--|
| Imaging Device                      | 1/2.88" back-illuminated "Exmor R" CMOS Sensor   |
| Processor                           | BIONZ™ image processor   |
| Imager Pixel Gross Size             | 6650K  |
| VIDEO                               |  |
| Video Actual 16:9                   | Approx. 6140K pixels   |
| Video Actual 4:3                    | Approx. 4600K pixels   |
| Video Resolution (Movie Quality)    | HD: 1920x1080/60p, 24p, 60i (FX, FH), 1440x1080/60i (HQ, LP), STD: 720x480/60i   |
| Video Signal System                 | HD: HDTV 1080/60p, 24p, 60i; STD: NTSC color, EIA standards  |
| Video Format(s) Supported           | HD: MPEG4-AVC/H.264 AVCHD™ format compatible (1080/60p: original format); STD: MPEG2-PS  |
| STILL PICTURE                       |  |
| Still Actual 16:9                   | 12.3 megapixels (4672x2628)  |
| Still Actual 4:3                    | 9.2 megapixels (3504x2628)   |
| Still Picture Max Resolution        | 12.3MP   |
| Dual Record Resolution              | 12.3 megapixels 16:9 (4672x2628)   |
| AUDIO                               |  |
| Audio Recording Format              | Dolby® Digital 5.1ch, Dolby® Digital 5.1 Creator, 2ch Stereo   |
| Microphone                          | Built-in Zoom Microphone   |
| MEDIA TYPE                          |  |
| Recording Media                     | Memory Stick PRO Duo™ media (sold separately); SD/SDHC media (sold separately)   |
| Internal Memory                     | Flash Memory 64 GB <sup>1</sup>  |
| RECORDING CAPACITY                  |  |
| Record Time with Internal Memory*   | HD PS: Approx. 5h 10m<br>HD FX: Approx. 6h 10m<br>HD FH: Approx. 8h 20m<br>HD HQ: Approx. 14h 40m<br>HD LP: Approx. 25h 25m<br>STD HQ: Approx. 15h 15m |
| OPTICS AND LENS                     |  |
| Lens Type                           | G Lens   |
| 35mm Equivalent 16:9                | 26.3mm - 263mm   |
| 35mm Equivalent 4:3                 | 32.2mm - 322mm   |
| Aperture                            | F1.8 - F3.4  |
| Exposure Control                    | Yes (Touch Panel)  |
| Filter Diameter (mm)                | 37mm   |
| Focal Distance (mm)                 | 3.8mm - 38mm   |
| Focus System                        | Contrast AF  |
| Shutter Speed                       | Auto: 1/8-1/1500; STD: 1/60 - 1/1500;<br>Iris Control: 1/60 - 1/10000; Manual: 1/8 - 1/10000;  |
| Minimum Illumination                | 11 lux (1/60 Shutter Speed)  |
| Optical Zoom                        | 10x  |
| Digital Zoom                        | 120x   |
| Extended Zoom                       | 14x  |
| DISPLAY                             |  |
| Display                             | 3.0" Xtra Fine LCD™ display (921K) Wide (16:9) w/TruBlack™ technology  |
| View Finder                         | -  |
| HARDWARE                            |  |
| Flash                               | Built-in Flash   |
| Memory Card Slot                    | Yes (Memory Stick PRO Duo media, SD/SDHC media)  |
| Manual / Auto Lens Cover            | Auto   |
| S/S & Zoom Button on LCD            | Yes (Touch Panel)  |
| INPUTS & OUTPUTS                    |  |
| Audio/Video Remote Terminal         | Video/S Video/Audio/Component Out/Remote   |
| Digital Audio/Video Output(s)       | HDMI™  |
| USB Port(s)                         | Yes (mini B/Hi-Speed)  |
| Component Video (Y/Pb/Pr) Output(s) | A/V terminal   |
| HDMI™ Connection Output(s)          | Yes (mini)   |
| Headphone Jack                      | Stereo Minijack  |
| Microphone Input                    | Stereo Minijack  |
| Active Interface Shoe               | Yes (Active Interface Shoe)  |

| CONVENIENCE FEATURES                |   |
|-------------------------------------|---|
| Face Detection                      | Yes   |
| Smile Shutter™ Mode                 | Dual Capture/Always On/Off  |
| Quick On                            | Yes, Power On with LCD  |
| BRAVIA® Sync Control for HDMI (CEC) | Yes <sup>5</sup>  |
| Dynamic Range Optimizer             | Yes   |
| Image Stabilization                 | Optical SteadyShot™ image stabilization w/Active mode (Wide to Tele)  |
| x.v.Color™                          | Yes   |
| White Balance                       | Auto/Onepush/Outdoor/Indoor   |
| Fader Effects                       | White/Black   |
| Scene Selection Mode(s)             | Auto/Twilight/Twilight Portrait(Photo Mode only)/Sunrise & Sunset/Fireworks/Landscape/Portrait/Spotlight/Beach/Snow |
| Event Browse                        | Yes   |
| Photo Capture from Movie            | Yes   |
| Still Image Format(s)               | JPEG  |
| Slide Show Mode                     | Yes   |
| One Touch Disc Burn                 | Yes (Menu)  |
| PhotoTV HD                          | Yes <sup>8</sup>  |
| Multiple Language Display           | Yes   |
| Smooth Slow Record                  | Yes   |
| GPS                                 | Yes   |
| Direct Copy                         | Yes <sup>13</sup>   |

| POWER                 |  |
|-----------------------|--|
| Power Consumption     | 3.2W (HD), 3.0W (STD)                  |
| Supplied Battery Type | InfoLITHIUM® (NP-FV50)                 |
| Power Requirements    | 7.2V (battery pack); 8.4V (AC Adaptor) |

| DIMENSIONS           |  |
|----------------------|--|
| Dimensions (Approx.) | 2 1/2" x 2 3/4" x 5" (62mm x 67mm x 126mm) |
| Weight (Approx.)     | 13oz (385g)                                |

| SUPPLIED ACCESSORIES           |                          |
|--------------------------------|--------------------------|
| AC Adaptor                     | Yes                      |
| Rechargeable Battery Pack      | InfoLITHIUM® (NP-FV50)   |
| Remote Commander™ control unit | RMT-835 with Battery     |
| Power Cord                     | Yes                      |
| Component Video Cable          | Yes                      |
| Composite Video Cable          | Yes                      |
| USB Cable                      | Yes                      |
| Application Software (CD-ROM)  | PMB Ver.5.5 <sup>9</sup> |

| SUGGESTED ACCESSORIES                     |  |
|---|--|
| Rechargeable InfoLITHIUM Batteries        | NP-FV50/FV70/FV100                               |
| Starter Kit                               | ACC-FV70, ACC-FV50A, ACC-HDV7                    |
| AC Adaptor/Charger for V series batteries | AC-VQV10, AC-L200, BC-TRV, AC-UP100              |
| Lens                                      | VCL-HGA07B, VCL-HGE08B, VCL-HC1737C              |
| Water Housing                             | SPK-HCG  |
| Tripod                                    | VCT-80AV, VCT-60AV, VCT-50AV, VCT-R640, VCT-R100 |
| Video Light                               | HVL-10NH, HVL-HFL1, HVL-HL1, HVL-HIRL            |
| DVDirect® Recorder                        | VRD-MC6, VRD-P1                                  |

| FOOTNOTES  |  |
|--|--|
| *Capacity will vary based on type and complexity of image recorded.  |  |
| 1. 64 GB equals 64 billion bytes. A portion of the total storage is used for system management and/or application files.   |  |
| 5. Requires HDMI connection to BRAVIA Sync or Theatre Sync enabled HDTV.   |  |
| 8. Requires compatible BRAVIA® HDTV and cable (sold separately).   |  |
| 9. Requires Microsoft® Windows® XP SP3 / Windows Vista® SP2/Windows 7. Not supported by Mac® OS.   |  |
| 13. Requires VMC-UAM1 cable (sold separately), AC power for camcorder, and hard drive formatted in FAT32. USB-hub not supported. External HDD/USB media should be less than 2TB (Terabytes). |  |

