Capture stunning 1920 x 1080 Full HD video and 3.1 Megapixel images with the ultra-compact HDR-CX150, which features an “Exmor R” CMOS sensor for superior low-light performance, 16GB of embedded flash memory, and a Carl Zeiss Vario-Tessar 25x optical zoom lens to help bring you closer to the action.

Full HD Recording with 60p playback
Record amazing HD video at full 1920x1080 resolution and enjoy 60p playback via HDMI™ cable and compatible HDTV. Additionally, you can record your video at 24 Mbps, the highest possible bit-rate for AVCHD, and enjoy near Blu-ray Disc™ quality video reproduction.

1/4” “Exmor R” CMOS Sensor
Delivers bright, vivid, spectacularly detailed video footage, as well as 3 Megapixel still images. Additionally, it provides stunning low-light sensitivity with improved image clarity and drastically reduced grain whether you’re in video or still photo mode.

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

Face Detection Technology w/ Face Priority
With Face Priority, your camcorder optimizes focus, color, exposure, and Smile Shutter™ technology for the face you prioritize. Just touch the preferred face on the LCD display and the camcorder will not only prioritize it for you, but will remember your prioritized face until the camera is turned off.

Quick Autofocus
An improved autofocus (AF) system now lets you take crisp images even faster. In fact, this new Quick AF feature focuses twice as fast when compared to previous Sony camcorder models.

Direct Copy to External HDD
Lets you copy videos from your camcorder directly to an external hard disk drive (sold separately), all without a computer. Your camcorder can also access videos stored on the external hard drive for playback on your HDTV™, allowing you to utilize the camcorder’s handy playback features.

Highlight Playback with Highlight Scenario playback
Automatically creates short movies—complete with music and transitions—by identifying and compiling key scenes. You can then save up to eight of these movies for later playback.

Intelligent Auto Mode
Analyzes your shot and then automatically selects the appropriate settings from 9 distinct scene modes: Landscape, Backlight, Twilight, Spotlight, Low light, Macro, Portrait, Baby, Tripod. Lets you get extra creative with 60 possible scene combinations.

2.7” Clear Photo™ LCD (230 K) display
Provides excellent viewing clarity with improved resolution (230K pixels). 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.

Additional Features:
- Power On by LCD
- Sony® PMB (Picture Motion Browser) software
## Specifications

### Image
- **Imaging Device**: 1/4" "Exmor R" CMOS sensor with ClearVid™ array
- **Processor**: BIONZ® image processor
- **Imager Pixel Gross Size**: 400K

### Video
- **Video Actual 16:9**: 1305K pixels
- **Video Actual 4:3**: 1150K pixels
- **Video Resolution (Movie Quality)**: HD: 1920x1080, 1440x1080. SD: 720 x 480
- **Video Signal System**: HD: ITTC 1080/60i, SD: NTSC color
- **Video Format(S) Supported**: HD, AVC/H264, MPEG-2

### Still Picture
- **Still Actual 16:9**: 118K
- **Still Actual 4:3**: 157K
- **Still Picture Resolution**: 3.1 MP
- **Dual Record Resolution**: 2.7 MP

### Audio
- **Audio Recording Format**: Dolby® Digital 2ch stereo

### Optical and Lens
- **Carl Zeiss® Vario-Tessar®
- **35mm Equivalent 16:9**: 37 - 1075mm
- **35mm Equivalent 4:3**: 45 - 1325mm
- **Aperture**: F1.8 - 3.2
- **Focus Distance**: 50mm
- **Focus System**: Full Range Auto/Manual
- **Progressive Shutter Mode**: Yes
- **Shutter Speed**: Scene Selection, 1/8-1/1000; STD: 1/60-1/1000
  - **LOW LUX**: 1/30-1000; Smooth Slow Rec®, 1/240 - 1/1000
- **Minimum Illumination**: 11 lux (1/60 Shutter Speed)
- **Optical Zoom**: 28x
- **Digital Zoom**: 420x

### Display
- **Display**: 2.7" Clear Photo™ wide touch screen LCD
- **View Finder**: No

### Hardware
- **Flash**: Yes
- **Memory Card Slot**: Yes (Memory Stick PRO Duo media, SD/SDHC media*)
- **Manual / Auto Lens Cover**: Manual
- **5/6 / 7 Button on LCD**: Yes

### Inputs & Outputs
- **Audio/Video Remote Terminal**: Video/Video/Audio/Component Out/Remote
- **Digital Audio/Video Output(S)**: HDMI™
- **USB Port(S)**: Yes (Mini B/Hi-Speed)
- **Component Video (YPb/Pb/Pr)**: A/V terminal
- **HDMI® Connection Output**: Yes (Mini)
- **Headphone Jack**: No
- **Microphone Input**: No
- **Active Interface Shoe**: No

### CONVENIENCE
- **Face Detection**: Yes
- **Smile Shutter® Mode**: Yes
- **Quick On**: Yes, Power On with LCD
- **BRAVIA® Sync Controller/HDMI (CEC)**: Yes*

## Conveniences
- **Dynamic Range Optimizer**: Yes
- **Image Stabilization**: SteadyShot® / Active Mode (On Movie Position)
- **White Balance**: Auto, Outdoor, Indoor, Oneshot (Touch Panel)
- **Scene Selection Mode(s)**: Auto, Twilight, Sunrise & Sunset, Fireworks, Landscape, Portrait, Spotlight, Beach, Snow
- **Face Index**: Yes
- **Film Roll Index**: Yes
- **Photo Capture from Movie**: Yes
- **Still Image Mode(S)**: JPEG
- **Slide Show Mode**: Yes
- **Easy Handycam**: No
- **One Touch Disc Burn**: Yes*
- **PhotoTV HD**: Yes*
- **Multiple Language Display**: Yes
- **Smooth Slow Record**: Yes

### Power
- **Power Consumption**: 3.0W
- **Supplied Battery Type**: InfoLITHIUM™ (NP-FV50)
- **Power Requirements**: 7.2V (battery pack) / 8.4V (AC Adaptor)

### Dimensions
- **Dimensions (Approx.)**: 2 x 2 x 4.1/4 inch (50 x 56 x 106mm)
- **Weight (Approx.)**: 7 oz (210g)

### Supplied Accessories
- **AC Adapter**: AC-L200C/AC-L200D
- **Rechargeable Battery Pack**: InfoLITHIUM™ (NP-FV50)
- **Remote Commander® control unit**: NP-FC1
- **Clock Lithium (Installed)**: Yes
- **Component Video Cable**: Yes
- **Composite Video Cable**: Yes
- **USB Cable**: Yes
- **Application Software (CD-ROM)**: PMB Var.5.0

### Suggested Accessories
- **Rechargeable InfoLITHIUM® Batteries**: NP-FV50/FV70/FV100
- **AC Adapter/Charger for V series batteries**: AC-VCV10/BC-TRV
- **Lens**: VCL-HG07B, VCL-HG08B
- **HDMI Cable (min)**: VMC-150HD, VMC-350HD
- **Tripod**: VCT-80AV, VCT-60AV, VCT-50AV, VCT-R64
- **GPS Unit**: GPS-CS3KA

## Notes
1. 1GB equals 1 billion bytes. A portion of the total storage is used for system management and/or application files. The capacity that a user can use is approximately 15.5GB.
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 Bluray Disc™ player/recorder with supplied software, or PLAYSTATION®3 devices, or DVD media containing AVCHD footage should not be used with standard DVD based players, as the DVD player may fail to eject the media and may not display its contents.
3. Vrable area measured diagonally.
4. HD viewing requires compatible HDTV and HDMI™ cable, both sold separately.
5. Requires BRAVIA Sync feature in each product, including a compatible BRAVIA® HDTV. Please refer to owner`s manual to determine compatibility.
6. Requires BRAVIA Sync feature in each product, including a compatible BRAVIA® HD TV. Please refer to owner`s manual to determine compatibility.
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10. Requires BRAVIA Sync feature in each product, including a compatible BRAVIA® HD TV. Please refer to owner`s manual to determine compatibility.
11. Requires USB 2.0 connection via VMC-UAM1 cable (sold separately), AC power for camcorder, and hard drive formatted in FAT-32. Connection via USB-hub not supported. External HDD/USB media should be less than 2TB (Terabytes).
12. Requires USB 2.0 connection via VMC-UAM1 cable (sold separately), AC power for camcorder and hard drive formatted in FAT-32. Connection via USB-hub not supported. External HDD/USB media should be less than 2TB (Terabytes).
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18. Requires USB 2.0 connection via VMC-UAM1 cable (sold separately), AC power for camcorder and hard drive formatted in FAT-32. Connection via USB-hub not supported. External HDD/USB media should be less than 2TB (Terabytes).
19. Requires USB 2.0 connection via VMC-UAM1 cable (sold separately), AC power for camcorder and hard drive formatted in FAT-32. Connection via USB-hub not supported. External HDD/USB media should be less than 2TB (Terabytes).
20. Requires USB 2.0 connection via VMC-UAM1 cable (sold separately), AC power for camcorder and hard drive formatted in FAT-32. Connection via USB-hub not supported. External HDD/USB media should be less than 2TB (Terabytes).

### Also Available In:
- HDR-CX150
- HDR-CX160
- HDR-CX180
- HDR-CX190
- HDR-CX170
- HDR-CX165
- HDR-CX155
- HDR-CX130
- HDR-CX125
- HDR-CX120
- HDR-CX115
- HDR-CX110
- HDR-CX105
- HDR-CX100