

HDR-CX130/B

Take stunning 1920 x 1080 Full HD video with the ultra-compact HDR-CX130 Handycam® camcorder. It features an "Exmor R" CMOS sensor for superior low-light performance, a wide angle Sony® G lens, plus 42X extended zoom for getting you closer to the action.

- **1920x1080 Full HD 60p Recording w/3MP still image**
1920 x 1080 high definition resolution lets you record your memories in exceptional Sony® Full High Definition quality. Capable of 1080/60p recording and playback via HDMI™ and compatible HDTV⁴ providing stunning clarity and incredibly detailed playback of your memories.
- **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 29.8mm focal offers a broader perspective for enhanced wide angle shooting.
- **42x Extended Zoom to get even closer to the action**
Extended Zoom works in conjunction with 30x optical zoom to get even closer to the action while maintaining HD image quality.
- **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 Steady Shot™ image stabilization w/ Active Mode**
Optical Steady Shot™ 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.
- **3.0" touch-screen Clear Photo LCD Plus™ display (230K)**
The 3.0" Clear Photo LCD Plus™ display provides exceptional viewing clarity with 230K pixels 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.
- **Tracking Focus follows selected subjects**
Tracking Focus works as an extension of Face Detection to allow you to select an object with a touch of the LCD and have the focus follow the selected object.
- **Event Browse groups photos/videos for you for easy reference**
Event Browse conveniently groups your images and videos together for easier viewing. The date range that Event Browse groups your pictures and videos is easily adjusted to suit your needs. When used with the Highlight Playback feature, making and sharing a highlight reel from your event is easy and fun.
- **Highlight Playback creates movies with transitions for you**
Why spend hours editing your movies when you can let your camcorder do it for you? Highlight Playback identifies and compiles key scenes into a short, entertaining movie complete with music and transitions. You can even pinpoint the exact scene you want to include in the highlight reel.
- **Wind noise reduction for clear voice recording**
Wind Reduction reduces noise and interference that is produced when wind passes over the microphone, giving you a clearer and more enjoyable sound experience.
- **Intelligent Auto (90 different scene combinations possible)**
Intelligent Auto mode goes a step beyond traditional auto modes by analyzing your shot and then automatically selecting the appropriate settings from ten distinct scene modes (90 different combinations possible): Landscape, Backlight, Twilight, Spotlight, Low light, Macro, Portrait, Baby, Walk, Tripod.
- **Direct Copy to external HDD without PC¹³**
Store your memories in a whole new way with the ability to copy videos from your camcorder directly to an external hard disk drive¹³ (sold separately), all without a computer. Your camcorder can also access videos stored on the external hard drive for playback on your HDTV⁴, allowing you to utilize the camcorder's handy playback features.
- **Built-in USB cable for easy file transfer/charge**
The high-speed, built-in USB 2.0 cable allows for easy connection to your computer for charging or file transfer without having to remember separate cables. It also fits conveniently into the hand strap so it's out of the way until you need it.
- **Golf Shot**
Building on the slow-motion capture capabilities of Smooth Slow Record, Golf Shot captures a few seconds of motion as a sequence of upto 22 still images, which can be viewed/printed individually or as a composite "sequence shot" image, perfect for analyzing the nuances of a golf swing, tennis serve, and other fast action.



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Specifications

Convenience Features

Multiple Language Display: English; Simplified English; Brazilian Portuguese; Canadian French; Latin American Spanish

Manual / Auto Lens Cover: Auto

Quick On: Yes (Power On by LCD)

S/S & Zoom button on LCD: Yes (Touch Panel)

Fader Effect(s): White/Black

Media/Battery Indicator: Yes (recordable time, free and used media space)/ Yes (recordable time, remaining capacity)

Power Save Mode: Auto Shut-off (5minutes)

Still Image Playback Options: Slide Show

Date / Time Stamp: Yes (Rec Date and Time, Camera info)

Erase/Protect: Yes/Yes

Video Playback Options: Highlight Playback (HD Movie Only); Highlight Playback Save and Share (Translate into STD quality); Highlight Scenario (Save/ Playback/ Erase); Highlight BGM (Preinstalled 4 music files, Music transfer)

Built-in USB Cable: Yes (USB Charge Available)

Easy Handycam/Help Function: -/-

One Touch Disc Burn: Yes(Menu)

View & Index: Event

Optics/Lens

Aperture: F1.8-F3.4

Filter Diameter: 37mm

Focal Distance: f = 2.1mm - 63mm

Optical Zoom: 30x

Digital Zoom: 350x

Lens Type: G Lens™

Focal Length (35mm equivalent): Movie Mode: 29.8mm - 894mm (16:9), 36.5mm - 1095mm (4:3); Photo Mode: 32.5mm - 975mm (16:9), 29.8mm - 894mm (4:3)

Minimum Focus Distance: Approx. 1cm (Wide), Approx. 80cm (Tele), Approx. 44cm (Tele Macro)

Lens Stabilization: Optical SteadyShot™ image stabilization w/ Active mode (Wide to Tele)

Extended Zoom: 42x

Steady Shot Mode: Active: 30.9mm - 1297mm

Power

Battery Type: InfoLITHIUM® with AccuPower™ Meter System (V Series)

Power Requirements: 7.2V (battery pack); 8.4V (AC Adaptor)

Power Consumption (in Operation): HD: 2.5W; STD: 2.3W

Software

Supplied Software: PMB Ver.5.00 Supports Windows XP Service Pack3 (SP3) (32bit), Windows Vista Service Pack2 (SP2) (32bit/ 64bit), Windows 7. PMB software is not supported by Mac OS.

LCD Display

LCD Type: 3.0" Clear Photo™ LCD display (230K) Wide (16:9)

Angle Adjustment: Opening Angle: max.90 deg., Turning Angle: max.270 deg.

Brightness Control: Yes (Menu)

Coverage: 1

Grid Display: Guide Frame

Live View: Yes

Touch Panel: Yes

Advanced Features

Face Detection: Yes

Image Stabilization: Optical SteadyShot™ image stabilization w/ Active mode (Wide to Tele)

x.v.Color™ : Yes

Smile Shutter™ technology: Dual Capture/ Always On/ Off

Intelligent Auto: Portrait/ Baby/ Walk/ Tripod/ Backlight/ Landscape/ Spotlight/ Twilight/ Macro/ Low light

Golf Shot: Yes

Audio Level Display: Yes

Smooth Slow Rec: Yes

Recording

Video Actual (Pixel): Approx. 1490K pixels (16:9), Approx. 1120K pixels (4:3)

Dual Record: 3.0 megapixels 16:9 (2304 x 1296); 2.2 megapixels 4:3 (1728 x 1296)

Photo Capture from Movie: 2.1 megapixels 16:9 (1920x1080); 307K pixels 4:3 (640x480); 230K pixels 16:9 (640x360)

Audio Format: Dolby® Digital 2 ch Stereo, Dolby® Digital Stereo Creator

Microphone/Speaker: Built-in Zoom Microphone; Monaural Speaker

Still Image Max Effective Resolution: 3.3 megapixels

Still Image Mode: JPEG

Video Format: HD: MPEG4-AVC/H.264 (AVCHD); STD: MPEG2-PS

Video Signal: HD: HDTV 1080/60p, 60i; STD: NTSC color, EIA standards

Video Mode: HD PS: Approx. 28Mbps/ FX: Approx. 24Mbps/ FH: Approx. 17Mbps/ HQ: Approx. 9Mbps/ LP: Approx. 5Mbps; STD HQ: 9Mbps

Media Type: Memory Stick PRO Duo™; Memory Stick PRO Duo™ (High Speed); Memory Stick PRO Duo™ (Mark 2); Memory Stick PRO-HG Duo™; SD/SDHC/SDXC Memory Card (Class 4 or Higher)

Still Image Size 16:9: Movie mode: 3.0 megapixels 16:9 (2304x1296); Photo mode: 2.5 megapixels 16:9 (2122x1188)

Video Resolution: HD: 1920x1080/60p (PS), 60i (FX, FH), 1440x1080/60i (HQ, LP); STD: 720x480/60i

Still Image Size 4:3: Movie mode: 2.2 megapixels 4:3 (1728x1296); Photo mode: 3.3 megapixels 4:3 (2122x1584)

Mic Level Control: Yes (2steps)

Still Image File Format: DCF Ver. 2.0 compatible, Exif Ver. 2.3 compatible, MPF Baseline compatible

Still Image Size (Photo Mode): 3.3 megapixels 4:3 (2122x1584); 2.5 megapixels 16:9 (2122x1188); 1.9 megapixels 4:3 (1600x1200); 0.3 megapixels 4:3 (640x480)

Wind Noise Reduction: Yes (Off/ On)

Wind Position: Yes (Auto)

Exposure System

Minimum Illumination: Standard: 11 lux (1/60 Shutter Speed); Low Lux: 3 lux (1/30 Shutter Speed)

Exposure Settings: Auto; Flexible Spot (Touch Panel)

D-Range Optimizer: Yes

Scene Mode(s): Auto/ Twilight/ Twilight Portrait (Photo Mode only)/ Sunrise & Sunset/ Fireworks/ Landscape/ Portrait/ Spotlight/ Beach/ Snow

White Balance Mode: Auto/ Onepush/ Outdoor/ Indoor

Exposure Compensation: AE Shift (Dial/ Touch Panel)

Metering Modes: Multi-segment/ Spot

Noise Reduction: Yes

Auto Iris Control: F1.8 - F3.4

Backlight Compensation: Yes (Auto)

Gain Control: Auto

LOW LUX Mode: Yes

Interface

Direct Copy: Yes

BRAVIA® Sync™ : Yes

SD Output: Composite Video Out (A/V connection cable (supplied)); Component Video Out (Component A/V cable (supplied)); S Video Out (A/V connection cable with S Video (sold separately))

USB Port(s): TypeA, mini-AB/ USB2.0 Hi-speed (mass storage/ MTP)

HD Output: HDMI Out (mini) (sold separately); Component Video Out (Component A/V cable (supplied))

PhotoTV HD: Yes

Microphone Input: Stereo Minijack

Memory Card Slot: Memory Stick PRO Duo™ and SD/SDHC/SDXC compatible

Remote Jack: A/V Remote terminal

DVD Direct: Yes (DVD Direct Express, DVD Writer supported (sold separately))

A/V Remote Terminal: Video/ S Video/ Audio/ Component Out/ Remote

DC IN: Yes

HDMI Terminal: Yes (mini)

Imaging Sensor

Processor: BIONZ™ image processor

Effective Picture Resolution: Approx. 1490K pixels (16:9)

Imaging Sensor: 1/4" (4.5mm) back-illuminated Exmor™ CMOS Sensor

Pixel Gross: Approx. 4200K pixels

Color Filter System: ClearVid™ array

Focus Control

Focus System: Contrast AF

AF Modes: Auto/ Manual (Touch Panel/ Dial)

Focus Area: Full range Focus/ Spot Focus

Focus Features: Tracking Focus

Focus Points: 1 point

AF Illuminator: Yes

Dimensions

Measurements: Approx. 2 1/8inch x 2 1/4inch x 4 7/8inch (52.5x57x123.5mm)

Supplied Accessories

Rechargeable Battery Pack (NP-FV50) (1)

AC adaptor (AC-L200) (1)

Power Cord (1)

Component A/V Cable (1)

USB Connection Support Cable (1)

CD-ROM ("Handycam" Application Software) (1)

*Operating Guide (1)

Color: (B)Black

4. HD viewing requires compatible HDTV and HDMI™ cable, both sold separately.
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.
9. Requires Microsoft® Windows® XP SP3/ Windows Vista® SP2/Windows 7. PMB software is 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).

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