# **SONY**, нолоусот,

## HDR-CX7 High Definition

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NEW ▲ Step-up	<ul> <li>For the first time, record High Definition professional-quality Carl Zeiss® Varion you can capture the detail and clarity time, all with exceptional battery life</li> <li>3.2 Megapixel (Gross) ClearVid™ CMOS Sensor 1/2.9° ClearVid CMOS Sensor provides stunning detail and clarity with exceptional video (1080 lines of resolution - HD Mode or 530 lines of horizontal resolution - SD Mode) and still image performance (6.1 Megapixel). Unlike traditional CCD Imagers, CMOS Sensors require less power, providing better battery performance.</li> <li>Switchable HD/SD Format Recording The HDR-CX7 is capable of recording and playing back both High Definition (HD) and Standard Definition (SD) video recorded on Memory Stick PRO Duo™ media(sold separately)</li> <li>x.v.Color™ Technology x.v.Color technology can capture or display nearly twice as many (1.8x) viewable colors than currently possible. This provides a more accurate and vivid color range, for a more natural, lifelike overall experience.</li> <li>10X Optical / 20X Digital Zoom The optical zoom helps to bring the action close up from far away. In addition, the Digital Zoom Interpolation means that</li> </ul>	Sonnar® T* lens and Super SteadyShe of high definition. Plus, you can take	ot® optical image stabilization so still images and video at the same
	extreme digital zooming is clearer, with less distortion than previous types of digital zoom. Professional Quality Carl Zeiss®Vario- Sonnar®T Lens Carl Zeiss lenses have an advanced optical multi-layer coating that offers less glare and flare with increased contrast. This	<ul> <li>Dual Record</li> <li>While recording video in High Definition you have the ability to capture a 4.6 Megapixel still image directly to Memory Stick PRO Duo<sup>™</sup> media.</li> <li>▲ Super SteadyShot®Optical Image Stabilization System An advanced form of Sony's Super</li> </ul>	Scene Selection Modes Scene Selection modes make recording easy even when filming in challenging situations. Choose from Beach, Candle, Fireworks, Landscape, Portrait, Sports Lesson, Spotlight, and Sunrise & Sunset.
	results in vivid image brilliance, true-to-life color saturation and perfect renditions of subtle tones. The additional T coating on the lens further reduces unwanted glare and	NightShot Infrared system from Sony that controls an even higher range of shake and vibration frequencies. This optical stabilization system achieves an even	ADDITIONAL FEATURES  Picture Effects
MEMORY STICK PRO Duo	flare.	higher level of smoothness without degradation of vide like some digital stabilization systems.	<ul> <li>Fader Effects</li> <li>InfoLITHIUM®Battery with AccuPower<sup>™</sup> Meter System<sup>1</sup></li> </ul>
ClearVid CMOSsensor			<ul> <li>Stamina®BatteryPowerManagement System</li> </ul>
x.v.Color			<ul> <li>On Screen Zoom and Record Buttons</li> </ul>
ZEISS			<ul> <li>Easy Handycamui button</li> <li>One Touch Wide Angle Shooting</li> </ul>
			<ul> <li>Manual Focus</li> <li>Multi-Language Menu</li> </ul>
		<b>(</b>	
			like.no.other <sup>™</sup>

## SONY HADDYCAM

## HDR-CX7 **High Definition**

### **Specifications**

### General

Imaging Device: 1/3" ClearVid™ CMOS Sensor Pixel Gross: 3200K

Recording Media: Memory Stick PRO Duo™ Media (sold separately)

Video Actual: 2280K Pixels (16:9), 1710K Pixels (4:3) Still Actual: 2280K Pixels (16:9), 3040K Pixels (4:3) Recording Time: When using 4GB Memory Stick PRO Duo<sup>™</sup> Media (sold separately):

High Definition: XP = up to 30 min., HQ = up to 55 min., SP = up to 65 min., LP = up to 85 min.

Standard Definition: HQ = up to 55 min., SP = up to 80 min., LP = up to 160 min.

### Audio

Recording Format: Dolby® Digital 5.1

### Convenience

USB Streaming: N/A SteadyShot® Image Stabilization: Yes (Super: Optical) Accessory Shoe: Yes, Active Interface Shoe White Balance: Auto, Indoor, One-push, Outdoor Memory Stick PRO<sup>™</sup> Media Compatibility: Tested to support up to 4GB media capacity; does not support high speed transfer function; does not support Access Control security function. Still Image Mode(s): JPEG Minimum Illumination: 2 Lux (0 Lux with Super

NightShot® Infrared System) Low Light Capability: Super NightShot® infared system

### **Convenience** Features

Easy Operation: Yes Fader Effects: Black, White Multiple Language Display: Yes Slide Show Mode: Yes Titling: N/A Light/Flash: Yes Scene Mode(s): Beach, Candle, Fireworks, Landscape, Portrait, Sports Lesson, Spotlight, and Sunrise & Sunset Picture Effect(s): Monotone, Pastel and Sepia Digital Picture Effect(s): Old Movie PictBridge Compatible: Yes

### Inputs and Outputs

Analog Audio/Video Input(s): N/A Analog Audio/Video Output(s): Yes (Multi A/V) Digital Audio/Video Input(s): Yes (via USB2.0)<sup>2</sup> Digital Audio/Video Output(s): Yes (via USB2.0)<sup>2</sup> USB Port(s): 2.0 High Speed<sup>2</sup> (Handycam Station) i.LINK®Interface: N/A Component Video (Y/Pb/Pr) Output(s): Yes Headphone Jack: N/A Microphone Input: N/A Remote Jack: N/A S-Video Input(s): N/A S-Video Output(s): Yes (via optional accessory) HDMI<sup>™</sup> Connection Output(s): Yes (Mini)

### Hardware

LCD: 2.7" (211K Pixels)<sup>4</sup> Wide (16:9) Touch Panel - Clear Photo I CD Plus" Lens Type: Carl Zeiss® Vario-Sonnar® T Viewfinder: N/A Docking Station: Yes: Handycam Station<sup>™</sup> cradle Microphone: Yes (Built-in 5.1 Channel)

#### **Optics/Lens**

35mm Equivalent: 40-400mm(16:9 Camera Mode), 49-490mm (4:3 Camera Mode), 40-400mm (16:9 Memory Mode), 37-370mm (4:3 Memory Mode) Aperture: f1.8-2.9 Exposure: Touch Panel (24 steps) Filter Diameter: 37mm Focal Distance: 5.4-54mm: Telemacro - 450mm Focus: Full Range Auto/Manual (Dial, Touch Panel) Progressive Shutter Mode: N/A Shutter Speed: Auto, 1/2 - 1/500 (Scene Selection Mode<sup>3</sup> Optical Zoom: 10X Digital Zoom: 20X Resolution: 3MP

### Power

Power Consumption: 4.4W - HD

Battery Type: InfoLITHIUM® battery with AccuPower<sup>™</sup> Meter System (NP-FH60)

#### Service and Warranty Information

Limited Warranty: 1 Year Parts; 90 Days Labor

### Software

Supplied Software: Picture Motion Browser ver. 2.0

#### Video

Video Signal System: NTSC color, EIA standards Analog-to-Digital Converter: N/A Format(s) Supported: AVCHD<sup>™ 5</sup> (HD), MPEG2-PS (SD)

Weight: 15oz. (450g) with supplied battery Measurements: 2 3/4" x 2 3/4" x 5 1/4" (69 x 67 x 131mm)

### Supplied Accessories

Power Adaptor/ In Camera Charger (AC-L200) InfoLITHIUM® Rechargeable Battery (NP-FH60) Wireless Remote Commander® Remote Control (RMT-835)

Component Video Cable A/V Cable Handycam Station<sup>™</sup> cradle (DCRA-C191) USB Cable

Enjoy Handycam Video

### **Optional Accessories**

Rechargeable InfoLITHIUM® Batteries (NP-FH50/70/100)

Travel Charger (BC-TRP)

Memory Stick PRO Duo™ media (MSX-M1GST/M2GS/M4GS/M8GS AC Adaptor and Charger (AC-VQH10) Accessory Value Kit (ACC-FH70) Soft Carrying Case (LCS-VAC) Premium Soft Carrying Case (LCS-VA30) High-Grade Telephoto Lens (VCL-HG1737C) High-Grade Wide-Angle Lens (VCL-HG0737C) Polarizing Filter Kit (VF-37CPK S) Neutral Density Filter Kit (VF-R37NK) Bluetooth® Wireless Microphone (ECM-HW1) Zoom Microphone (ECM-HGZ1) Video Light (HVL-HL1) Video IR Light (HVL-HIRL) Flash/Video Light (HVL-HFL1) Remote Control Tripod (VCT-D580RM) Precision Remote Control (RM-VD1)

UPC Code: 027242720282

Battery <sup>1</sup> (Fully charged)	Continuous Record Time LCD/LCD Bcklt Off	Continuous Playback Tim LCD/LCD Bcklt Off
NP-FH30	40/45 min	70/75 min
NP-FH40	60/60 min	100/105 min
NP-FH50	70/70 min	120/125 min
NP-FH60	95/95 min	160/165 min
NP-FH70	150/155 min	255/270 min
NP-FH100	350/360 min	580/600 min

### **MOVIE MODE<sup>5</sup>**

	High Definition						
Memory Stick PRO Duo™ Media³	5MBPS (LP)	7MBPS (SP)	9MBPS (HQ)	15MBPS (XP)	3MBPS (LP)	6MBPS (SP)	9MBPS (HQ)
512MB	10 min	8 min	6 min	3 min	15 min	10 min	6 min
1GB	20 min	15 min	10 min	7 min	40 min	20 min	10 min
2GB	45 min	35 min	25 min	15 min	80 min	40 min	25 min
4GB	85 min	65 min	55 min	30 min	160 min	80 min	55 min
8GB	175 min	140 min	115 min	60 min	325 min	170 min	115 mir

## STILL IMAGE MODE<sup>3</sup>

Fine/Standard Picture Quality

Memory Stick PRO Duo™ Media <sup>3</sup>	2848x2136 6.1MP	2848x1602 4.6MP (Wide)	2136x1602 3.4MP	2048x1536 3.1MP	640x480 (VGA)
512MB	145/375	195/495	260/660	280/730	2750/6900
1GB	305/770	405/1000	540/1350	580/1500	5700/14000
2GB	640/1600	850/2100	1100/2800	1200/3100	11500/29500
4GB	1200/3100	1650/4150	2150/5500	2350/6100	23000/58000
8GB	2500/6400	3350/8400	4450/11000	4800/12000	47000/11500

 Actual battery life may vary based on product settings, battery, usage patterns and environmental conditions. Designed for use with compatible Sony InfoLITHIUM® batteries.
 Not all products with USB 2.0 connector may communicate with each other due to chipset variations.
 Available storage capacity of Memory Stick PRO Duo media may vary. A portion of the memory is used for data management functions. Actual available memory in MB's is: 512=460, 1GB=940MB, 2GB=1.85GB, to construct the storage capacity of Memory Stick PRO Duo MB's is: 512=460, 1GB=940MB, 2GB=1.85GB, to construct the storage capacity of Memory Stick PRO Duo MB's is: 512=460, 1GB=940MB, 2GB=1.85GB, 4GB=3.66GB.

 Viewable area measured diagonally
 Viewable area measured diagonally
 This camcorder captures high definition footage in the AVCHD format. Using the enclosed PC software, high definition footage can be copied onto DVD media. However, DVD media containing AVCHD footage Nould not be used with DVD based players or recorders, as the DVD player/recorder may fail to eject the media and may erase its contents without warning. DVD media containing AVCHD footage may be played on a compatible Blu-ray Disc<sup>™</sup> player/recorder or other compatible device.

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Features and specifications subject to change without notice. Non-metric weights and measures are oproximate and may vary creen Images Simulated

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