

## HDR-CX760V

Capture and store hours of pro-quality Full HD 60p/24p videos and sharp, 24.1MP still images with the HDR-CX760V Handycam® camcorder featuring improved Balanced Optical SteadyShot™ image stabilization. Enjoy ultra-stable video from its 10X Optical/17X extended digital zoom lens, and expand your creative options using manual controls and CinemaTone presets.



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### Bullets

- 1920x1080 Full HD 60p/24p Recording w/24.1MP still image
- Up to 38 hours of recording with 96GB<sup>1</sup> embedded Flash Memory
- Balanced Optical SteadyShot™ image stabilization
- Manual Control (Iris/Shutter/Exposure/White Balance)
- CinemaTone presets and 24p recording for cinematic quality video
- Advanced controls with expanded focus, zebra, and peaking
- 26mm wide angle Carl Zeiss® Vario-Sonnar® T\* lens
- Back-illuminated Exmor R® CMOS sensor for superb low-light video
- 10x Optical/17x Extended Zoom to get even closer to the action
- 3.0" Xtra Fine LCD™ display (921K) w/TruBlack™ technology
- Color EVF (0.27" 201K) crisp clear video monitoring
- Face detection with voice enhancement and noise reduction
- Tracking Focus follows selected subjects in/out of the frame
- Wind noise reduction for clear voice recording
- 5.1ch Surround mic for vivid and dynamic surround sound.
- Auto 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
- S-Master™ digital amplifier for true and dynamic sound
- Clear Phase stereo speakers for true-to-life audio playback
- Geotagging with built-in GPS receiver & NAVTEQ® maps<sup>7</sup>
- Direct Copy to external HDD without PC<sup>13</sup>
- Built-in USB cable for easy file transfer/charge
- Intelligent Auto (180 different scene combinations possible)
- Golf Shot
- Built-in Flash

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### Features

#### **1920x1080 Full HD 60p/24p Recording w/24.1MP still image capture**

The Sony® HDR-CX760V offers 1920 x 1080 high definition resolution letting you record your memories in exceptional Full High Definition quality. Capable of 60p/24p recording and playback via HDMI™ and compatible HDTV<sup>4</sup> providing stunning clarity and incredibly detailed and smoother playback of your memories. Also, take 24.1MP still images while shooting video.

#### **96GB embedded Flash Memory for up to 38 hours of recording<sup>1</sup>**

The built-in 96GB<sup>1</sup> embedded Flash memory can record and store up to 38 hours of high definition video footage (HD LP mode).

### **Balanced Optical SteadyShot™ image Stabilization w/ Active Mode**

On standard SteadyShot camcorders a single “shift lens” is moved in the optical block to offset camera shake. Balanced Optical SteadyShot™ image stabilization w/ Active Mode moves the entire optical block at once, maintaining the integrity of the optical path and improving shake reduction by up to 13X. It also reduces vignetting (light falloff towards the edge of a scene) and lowers distortion in videos and still photos.

### **Manual Control (Iris/Shutter/Exposure/White Balance)**

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 presets 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.

### **Advanced controls with expanded focus, zebra, and peaking**

The HDR-CX760V provides advanced capture and control features that are often considered the domain of professional cameras including expanded focus for precise manual focus control, zebra and peaking for precision focus and exposure adjustments.

### **Carl Zeiss® Vario-Tessar® lens**

The professional-quality 26mm Carl Zeiss® Vario-Tessar® lens is designed specifically for compact camcorders. Precision ground optics help maintain the sharpness and contrast of larger lenses, and Balanced Optical SteadyShot® image stabilization helps reduce blur caused by camera shake.

### **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® CMOS 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.

### **17x Extended Zoom to get even closer to the action**

Extended Zoom works in conjunction with 10x optical zoom to get even closer to the action while maintaining HD image quality.

### **3.0" touch-screen Xtra Fine LCD™ display (921K) w/TruBlack™ technology**

The 3.0" (16:9) Xtra Fine LCD™ screen (921K) displays sharp, bright, vivid images, letting you compose a shot more easily -- even outdoors, while enabling you to change settings to best represent the scene. TruBlack™ technology brings remarkably higher contrast delivering more natural, realistic colors and easier viewing in bright conditions by reducing glare.

### **Color EVF (0.27" 201K) crisp clear video monitoring**

A color EVF (electronic view finder) provides clear crisp representation of your video allowing for proper framing, battery conservation, and increased stability.

### **Tracking Focus follows selected subjects in/out of the frame**

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, even if it leaves the frame and returns.

### **5.1ch Surround mic for vivid and dynamic surround sound.**

Dolby® Digital 5.1 channel recording captures active sounds coming from all directions, so you can experience your home movies the way you experienced them while recording.

### **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.

### **Expanded recording/monitoring with mic/headphone jack**

Features dedicated mic and headphone inputs for expanded audio recording options and convenient monitoring of audio with headphones (external microphones and headphones sold separately).

### **Active Interface Shoe to attach intelligent accessories**

The Active Interface Shoe lets you mount Intelligent Accessories, such as external lights and microphones, which can help extend the capabilities of your camcorder.

### **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.

### **Clear Phase stereo speakers for true and dynamic sound**

Bring your video alive with Clear Phase stereo speakers. Drawing on Sony's high-end audio expertise, renowned S-Master™ digital amplifier technology is utilized to produce more true-to-life sound.

### **Geotagging with built-in GPS receiver & NAVTEQ® maps<sup>7</sup>**

A built-in GPS receiver<sup>7</sup> makes the HDR-CX760V an ideal choice for travelers. The receiver gives you the ability to view your current location on the LCD map display, as well as "tag" your shooting locations. Tagged videos and still images can be reviewed and played back using the Map Index function on the camcorder or once downloaded to your PC using the supplied PlayMemories Home software<sup>9</sup>. Additionally, the receiver automatically adjusts your camcorder's clock to the proper time zone.

### **Direct Copy to external HDD without PC<sup>13</sup>**

Store your memories in a whole new way with the ability to copy videos from your camcorder directly to an external hard disk drive<sup>13</sup> (sold separately), all without a computer. Your camcorder can also access videos stored on the external hard drive for playback on your HDTV<sup>4</sup>, 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. Charging your camcorder is faster than ever now through the USB; for every two minutes of charge time you get one minute of recording time.

### **Intelligent Auto (180 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 and wind noise reduction. There are 180 different combinations possible: Landscape, Backlight, Twilight, Spotlight, Low light, Macro, Portrait, Baby, Walk, Tripod, Wind Noise Reduction. This camcorder utilizes an advanced sound processor and sophisticated noise reduction algorithms to reduce wind noise by up to 10db compared to other models. In addition to reducing low frequency noise, iAuto also suppresses mid- and upper-frequency noise, resulting in clearer, more enjoyable sound.

### **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 up to 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.

### **Built-in Flash**

The built-in flash will assist in shedding light on your subject when shooting still photos.

## Specifications

<b>Camera</b>		Internal Media	Flash Memory 96GB	Manual Focus Assist	Magnified display for precise manual focus; Peaking Display
Camera Type	Digital HD Video Camera Recorder	Mic Level Control	Yes (2steps)	Focus Features	Tracking Focus
<b>Imaging Sensor</b>		Recording and Playback Times (in Internal Media) (5.1ch)	HD PS: Approx. 7h40m; HD FX: Approx. 9h00m; HD FH: Approx. 12h15m; HD HQ: Approx. 21h35m; HD LP: Approx. 37h20m; STD HQ: Approx. 22h25m	AF Illuminator	Yes
Imaging Sensor	1/2.88" (6.3mm) Back-illuminated Exmor R <sup>®</sup> CMOS Sensor	Still Image File Format	DCF Ver. 2.0 compatible, Exif Ver. 2.3 compatible, MPF Baseline compatible	<b>Exposure System</b>	
Processor	BIONZ™ Image processor	Wind Noise Reduction	Yes (Off / On)	Metering Modes	Multi-segment / Spot
Pixel Gross	Approx. 6650K pixels	<b>Optics/Lens</b>		Exposure Compensation	AE Shift (Dial / Touch Panel)
Effective Picture Resolution	Approx. 6140K pixels (16:9)	Lens Type	Carl Zeiss <sup>®</sup> Vario-Sonnar T* lens	Exposure Settings	Auto; Flexible Spot (Touch Panel); Manual (Dial)
Color Filter System	ClearVid™ array	Lens Stabilization	Balanced Optical SteadyShot™ image stabilization w/ Active mode (Wide to Tele)	Scene Mode(s)	Auto / Twilight / Twilight Portrait (Photo Mode only) / Sunrise & Sunset / Fireworks / Landscape / Portrait / Spotlight / Beach / Snow
<b>Recording</b>		Aperture	F1.8-3.4	D-Range Optimizer	Yes
Media Type	Internal Flash Memory; Memory Stick PRO Duo™ (Mark 2); Memory Stick PRO-HG Duo™; SD/SDHC/SDXC Memory Card (Class 4 or Higher)	Optical Zoom	10x	Noise Reduction	Yes
Still Image Mode	JPEG	Digital Zoom	120x	White Balance Mode	Auto / One-push / Outdoor / Indoor
Still Image Max Effective Resolution	24.1 megapixels	Focal Length (35mm equivalent)	Movie Mode: 26.0mm - 260mm (16:9), 31.8mm - 318mm (4:3); Photo Mode: 26.0mm - 260mm (16:9), 31.8mm - 318mm (4:3)	Minimum Illumination	Standard: 6 lux (1/60 Shutter Speed); Low Lux: 3 lux (1/30 Shutter Speed); NightShot: 0 lux (1/60 Shutter Speed)
Still Image Size 16:9	Movie mode: 24.1 megapixels 16:9 (6544x3680); Photo mode: 24.1 megapixels 16:9 (6544x3680)	Filter Diameter	52mm	Auto Iris Control	F1.8 - F9.6
Still Image Size 4:3	Movie mode: 18.1 megapixels 4:3 (4912x3680); Photo mode: 18.1 megapixels 4:3 (4912x3680)	Minimum Focus Distance	Approx. 1cm (Wide), Approx. 80cm (Tele), Approx. 32cm (Tele Macro)	Backlight Compensation	Yes (Auto)
Video Format	HD: MPEG4-AVC/H.264 AVCHD 2.0 format compatible (1080/60p; original format); STD: MPEG2-PS	Aperture Blade	6 blades	Gain Control	Auto
Video Mode	HD PS: Approx. 28Mbps / FX: Approx. 24Mbps / FH: Approx. 17Mbps / HQ: Approx. 9Mbps / LP: Approx. 5Mbps; STD HQ: 9Mbps	Extended Zoom	17x	LOW LUX Mode	Yes
Video Resolution	HD: 1920x1080/60p (PS), 24p, 60i (FX, FH), 1440x1080/60i (HQ, LP); STD: 720x480/60i	Focal Distance	f = 3.8mm - 38mm; f = 5/32inch - 1 1/2inch	Manual Exposure Assist	Zebra Pattern Display
Video Actual (Pixel)	Approx. 6140K pixels (16:9), Approx. 4600K pixels (4:3)	Steady Shot Mode:Active	27.2mm - 461.8mm (16:9)	Manual Iris Control	F1.8 - F9.6 (11steps)
Video Signal	NTSC color, EIA standards	<b>Viewfinder</b>		WB Shift	Yes
Recording and Playback Times (in Internal Media) (2ch)	HD PS: Approx. 7h40m (Approx. 7h40m); HD FX: Approx. 9h00m (Approx. 9h05m); HD FH: Approx. 12h25m (Approx. 12h25m); HD HQ: Approx. 22h05m (Approx. 16h40m); HD LP: Approx.	Type	0.5cm (0.2") / Color 201,600dots equivalent	<b>Drive System</b>	
Photo Capture from Movie	2.1 megapixels 16:9 (1920x1080); 307K pixels 4:3 (640x480); 230K pixels 16:9 (640x360)	Dioptr Adjustment	Yes	Drive Mode	Photo Mode: Single-shot / Self-timer
Dual Record	24.1 megapixels 16:9 (6544x3680); 12.3 megapixels 16:9 (4672x2628); 2.1 megapixels 16:9 (1920x1080)	Field of View	1	Self-timer	10sec.(Still Image/Golf Shot)
Audio Format	Dolby <sup>®</sup> Digital 5.1ch, Dolby <sup>®</sup> Digital 5.1Creator; Dolby <sup>®</sup> Digital 2ch Stereo, Dolby <sup>®</sup> Digital Stereo Creator	<b>LCD Display</b>		Shutter Speeds	Self-timer: Approx. 10sec. (Still Image/ Golf Shot); Shutter Speed (Standard): 1/60 - 1/10000; Shutter Speed (Manual Iris Control): 1/60 - 1/10000; Shutter Speed (Manual Shutter): 1/8 - 1/10000; Shutter Speed Auto Control Range: 1/8 - 1/10000; Shutter Speed (Smooth Slow Rec): 1/250 - 1/10000 (Standard); Scene Selection: 1/8 - 1/10000; LOW LUX: 1/30 - 1/10000; Manual Iris Control (Photo Mode): 1/8 - 1/725; Manual Shutter Control (Photo Mode): 1/8 - 1/250
Microphone/ Speaker	Built-in Zoom Microphone; Clear Phase Stereo Speaker	Angle Adjustment	Opening Angle: max. 90 deg., Turning Angle: max. 270 deg.		
		Brightness Control	Yes (Menu)		
		Coverage	1		
		Grid Display	Guide Frame	<b>Flash</b>	
		Touch Panel	Yes	Flash Type	Built-in Flash
<b>Focus Control</b>				Flash Metering System	Pre-flash TTL
Focus System	Contrast AF			Flash Modes	Auto / Forced / Prohibited
AF Modes	Auto / Manual (Touch Panel / Dial)			Flash Compensation	Yes (3 steps)
Focus Area	Full range Focus / Spot Focus			Flash Coverage	Approx. 0.3m - 1.5m
<b>Convenience Features</b>					

Quick On	Yes (Power On by LCD)
Manual / Auto Lens Cover	Auto
S/S & Zoom button on LCD	Yes (Touch Panel)
Red-Eye Reduction	Yes (On / Off)
Fader Effect(s)	White / Black
Date / Time Stamp	Yes (Rec Date and Time, Camera info, Coordinates)
Erase/Protect	Yes / Yes

Media/Battery Indicator	Yes (recordable time, free and used media space) / Yes (recordable time, remaining capacity)
Still Image Playback Options	Slide Show
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)
Multiple Language Display	English; Simplified English; Brazilian Portugese; Canadian French; Latin American Spanish
One Touch Disc Burn	Yes (Menu)
View & Index	Event / MAP
<b>Advanced Features</b>	

1. 1GB equals 1 billion bytes, a portion of which is used for data management functions

4. Requires HDTV and HDMI cable sold sep.

7. Map service requires PC with internet. Service provided by Google and subject to change without notice

9. For PC: Requires Microsoft® Windows® XP SP3/ Windows Vista® SP2/Windows 7. For Mac: Requires Mac OSX (v10.5-10.7)

13. Requires via VMC-UAM1 cable (sold separately), AC power for camcorder, and hard drive formatted in FAT-32. USB-hub not supported. External HDD/USB media should be less than 2TB(Terabytes)

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