Industry’s Smallest and Lightest Consumer HDV 1080i Camcorder; featuring HDV and SD recording along with 2.8 Megapixel still image capture capability.

- **1/3” CMOS Sensor; 3,000K Pixels (gross)**
  1/3” CMOS Sensor provides stunning detail and clarity with exceptional video (up to 530 lines of horizontal resolution - SD Mode) and still image performance (2.8 Megapixel). Unlike traditional CCD Imagers, CMOS Sensors require less power, providing better battery performance.

- **HDV Recording Format**
  From the innovators in camcorder technology, Sony’s HDR-HC1 camcorder is the industry’s smallest and lightest HDV1080i consumer level camcorder and player. Now you can record all your memories in true high-definition video.

- **Switchable HDV/DV Format Recording**
  The HDR-HC1 is capable of recording and playing back both High Definition (HD) and Standard Definition (SD) video recorded on a standard MiniDV cassette.

- **Real-Time HD Codec Engine**
  Sony developed a Real Time MPEG Encode/Decode system with reduced energy consumption and compact size to fit inside a personal camcorder. This engine provides efficient MPEG2 compression, and recording and playback of clear HD images at the same bit rate of the DV format, so that High Definition video can be recorded on the same MiniDV cassettes as are used for SD recording.

- **10X Optical / 120X Digital Zoom Carl Zeiss® Vario-Sonnar® T* Lens**
  From the authority in lens technology, the Carl Zeiss® Vario-Sonnar® T* lens provides a high quality 10x optical zoom which maintains image clarity and color while reducing glare and flare.

- **2.7” Wide (16:9) Hybrid Touch Panel SwivelScreen™ LCD Display (123K Pixels)**
  Provides excellent viewing clarity with improved resolution. The 123K pixel LCD display makes images sharp and detailed during playback or when monitoring recording. The Hybrid LCD Screen provides accurate viewing in sunlight or bright light, virtually eliminating the “washout” common with traditional LCD Screens.

- **Super SteadyShot® Image Stabilization System**
  Picture stabilization system that uses motion sensors to detect and compensate for camera “shake” without compromising picture quality like some other digital stabilization systems.

- **Selectable Manual Zoom / Focus Ring**
  Selectable Zoom and Focus rings provide precise and detailed control over the amount of zoom and the overall focus of the image with just a turn of the rings. Fast, intuitive framing when zooming, and finely detailed focusing is easy with the natural “feel” of the rings.

- **Expanded Focus Indicator**
  The camera’s LCD image is magnified, temporarily, up to 4X its original size without any loss of distortion. This allows the user more finite control while focusing the camera for greater detail and clarity.

- **Cinematic Mode**
  Perfect for creating your own movie masterpieces, the HDR-HC1 Cinematic mode lends 24 frame film-like effect to your recordings.

- **i.LINK® Interface (IEEE1394)**
  A high speed bi-directional digital video/audio communication between two compatible devices equipped with an IEEE1394 interface, including camcorders, digital VCRs, and PCs.

- **Shot Transition**
  Allows for a smooth automatic scene transition. Settings for focus, zoom, and white balance can be set to the A/B button and a smooth transition will take place according to the set time. This function enables the focus to gradually shift from the front of the image to a deeper part of the image.

- **Tele Macro Function**
  Useful for shooting close up shots, but without having the camcorder casting a shadow on the subject. Images shot in the Tele Macro Mode will have the subject properly focused with the background unfocussed so that the subject stands out.

- **Active Interface Shoe**
  Provides a location directly on the camcorder on which to add optional accessories while providing power and two-way communication to those accessories.

- **Built-in Pop-up Intelligent Flash**
  For added clarity and detail when taking pictures in low-light situations, the built-in flash improves pictures and reduces shadows.
specsifications

**Low Light Capability:** Super NightShot®

**Accessory Shoe:** Active Interface Shoe

**USB Streaming:** N/A

**White Balance:** Auto/Outdoor/Indoor/One-Push

**Imaging Device:** 1/3” 3000K (Gross) Pixel CMOS Sensor

**Viewfinder:** Color, Precision 16:9 (252K pixel)

**USB Port(s):** Yes, ver. 1.1

**Analog Audio/Video Input(s):** Yes (Component, and Multi A/V)

**Analog Audio/Video Output(s):** Yes

**Digital Audio Input(s):** Yes, i.LINK

**Digital Audio Output(s):** Yes; i.LINK

**Headphone Output(s):** Yes (Stereo, Mini)

**Input(s):** Microphone: Yes (Stereo, Mini)

**Minimum Illumination:** 7 lux

**Aperture:** 1.8 - 2.1

**Focal Distance:** 5.1 - 51mm

**Zoom:** 10x Optical / 120x Digital

**Focus:** Full Range Auto/Manual (Ring)/One Touch

**Shutter Speed:** 1/1 - 1/10,000 (in AE Mode)

**Iris:** Auto

**Power Consumption:** 5.8W/ 5.9W/ 6.4W (VF/LCD/VF & LCD) - HDV

**Limited Warranty:** 1 Year Parts; 90 Days Labor

**Video Actual:** 1983K Pixels (16:9); 1486K Pixels (4:3)

**Filter Diameter:** 37mm

**Weight:** 1 lb, 7 oz (680 grams) without tape or battery

**Dimensions (WHD):** 2 7/8” x 3 3/4” x 7 1/2” (71 x 94 x 188mm)

**Supplied Accessories:** Power Adaptor/ In Camera Charger (AC-L15)
InfoLithium® Rechargeable Battery (NP-FM50)
Wireless Remote Commander® Remote Control (RMT-831)
Lens Hood
Lens Cap
AV Cable
Component Video Cable
Shoulder Strap
Memory Stick Duo™ Media - 16MB
USB Cable

**service and warranty**

**Limited Warranty:** 1 Year Parts; 90 Days Labor

**optional accessories**

Gunzoom Microphone (ECM-HGZ1)
Hard Carrying Case (LCH-HCE)
High Grade Tele Conversion Lens (VGL-HG207Y)
High Grade Wide Angle Lens (VCL-HG0737Y)
Polarize and Clear Coat Filter (VF-37PCPK)
Quick-Charger for Super Quick Batteries (AC-293US)
Rechargeable InfoLithium® Battery Pack (NP-QM71/91D)
Remote Control Tripod (VCT-870FM)
InfoLithium® Rechargeable Battery Pack/ ACU-590/595
Soft Carrying Case (CSS-VA3)
Travel Charger (BC-TRN1)
Stereo Microphone (ECM-HST1)
Tripod (VCT-FX4)
Video Light (VPL-HL1)

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Please visit the Dealer Network for more information at www.sony.com/dn

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