

NEW

MiniDV Handycam® Camcorder

- ▲ Step-up Feature
- ◆ New Feature

With the compact design & the large 3.0" Hybrid LCD Screen, the DCR-PC55 is convenient & compact. In addition, with the supplied & uniquely styled Handycam Station you can use the Camcorder as a Slideshow viewer for unique applications & sharing.

- **Advanced HAD™ CCD Imager**
1/6" Advanced HAD™ (Hole Accumulation Diode) CCD with 340K (effective) pixels provides stunning detail and clarity with exceptional video (up to 500 lines of horizontal resolution) and still image performance.
- **MiniDV Recording**
Offers up to 500 lines of horizontal resolution, 3X the color bandwidth and a significantly higher signal/noise ratio, to provide spectacular video performance.
- **10X Optical/120X Digital Zoom**
The optical zoom helps to bring the action close up from far away. In addition, with the Digital Zoom and interpolation means that extreme digital zooming is clearer, with less distortion than previous types of digital zooms.
- **Professional Quality Carl Zeiss® Vario-Tessar® Lens**
Carl Zeiss lenses have an advanced optical multi-layer coating that offers less glare and flare with increased contrast. This results in vivid image brilliance, true-to-life color saturation and perfect renditions of subtle tones.
- **Progressive Shutter System**
A mechanical shutter system that provides progressive scan performance while utilizing an interlaced scanning system. Digital still images will be sharp and clear with excellent definition.
- **Analog To Digital Conversion with Pass-Through**
Convert and/or record any analog NTSC video source to digital video via the analog inputs. Analog NTSC video can also be passed through the digital Handycam Camcorder directly into a PC via the i.LINK interface in real-time for easy PC editing of your analog footage.
- **SteadyShot® Picture 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.
- ▲ **3.0" Touch Panel SwivelScreen™ Hybrid LCD Display (123K Pixels)**
Provides excellent viewing clarity with improved resolution. The high resolution 123K pixel LCD screen rotates up to 270 degrees for multiple viewing angles providing sharp, detailed images for monitoring or playback.
- **Handycam Station**
The supplied Handycam Station provides quick and easy connections to a TV for viewing or to a PC for editing and sharing video. Just placing the camcorder on the Handycam Station instantly makes the connections-no need to search for cables or wires when charging or playing back.
- **i.LINK® DV Interface¹**
A digital high-speed bi-directional interface which provides Audio/Video communication between two compatible devices. This connection allows for pure digital transfer between devices equipped with an IEEE1394 interface, such as camcorders, digital VTRs, capture cards and PCs.
- **InfoLithium® Battery with AccuPower™ Meter System²**
Charge the battery at anytime because unlike NiCad (Nickel Cadmium) batteries, Sony's rechargeable Lithium Ion batteries are not subjected to a life shortening "memory effect". Sony's exclusive AccuPower™ meter displays the battery time remaining in minutes, in either the viewfinder or on the LCD screen.
- **Digital Still Memory Mode with Memory Stick Duo™ Media³**
Capture still images at 640x480 resolution, directly onto Memory Stick Duo™ Media for easy transfer to PCs for emailing, printing or sharing with other compatible Memory Stick™ devices.
- ▲ **Slide Show Plus**
Playback your still images on the large 3" hybrid LCD screen. Choose from 4 playback styles: simple, monotone, fancy and standard.
- **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 unfocused 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.
- **Program AE (Auto Exposure) Modes**
Program AE modes make recording easy even when filming in challenging situations. Choose from Portrait, Beach & Ski, Sports Lesson, Landscape, Spotlight or Sunset & Moon modes.
- **Picture Effects**
Get creative when recording or playing back your videos with Sony's Picture Effect Modes. Effects available in Camera mode: Negative Art, Sepia, Monotone, Solarize, Pastel and Mosaic. Effects available in Playback mode: Negative Art, Sepia, Monotone and Solarize.



DCR-PC55

MiniDV Handycam® Camcorder

additional features

- Manual Focus
- Battery Information
- Easy Handycam Button

specifications

USB Streaming: Yes

SteadyShot® Image Stabilization: Yes, Super SteadyShot

Accessory Shoe: Yes, Active Interface

White Balance: Auto/Outdoor/Indoor/One-push

Memory Stick PRO™ Media Compatibility:

Tested to support up to 1GB media capacity³; does not support high speed transfer function; does not support Access Control security function.

Infrared Capability: N/A

Imaging Device: 1/6" 680K Gross Pixel CCD

Still Actual: 340K Pixels

Viewfinder: N/A

LCD: 3.0" Color (123K)

USB Port(s): Yes (On Handycam Station)

Digital Audio Input(s): Yes

Digital Video Input(s): Yes

Digital Video Output(s): Yes (Special)

Digital Audio Output(s): Yes (Stereo, Special)

LANC Terminal: N/A

Headphone Output(s): N/A

Input(s): Microphone N/A

Minimum Illumination: 5 Lux

Lens Type: Carl Zeiss® Lens: Vario-Tessar®: Yes

Zoom: 120X (Digital), 10X

Focus: Full Range Auto Focus

35mm Conversion: 44-440mm (Camera Mode); 44-440mm (Memory Mode)

Focal Distance: 2.3-23mm

Aperture: 1.7-2.2

Shutter Speed: 1/2-1/4000(AE Mode)

Exposure: Yes, Touch Panel (24 steps)

Power Consumption: 2.9w (VF)

Limited Warranty: 1 Year Parts; 90 Days Labor

Video Actual: 340K Pixels

Filter Diameter: N/A

Weight: 10 oz (290 g) w/out Tape and Battery

Dimensions (WHD): 1 10/13" x 3 9/10" x 2

5/6" (45 x 99 x 72mm)

Supplied Accessories: Power Adapter/

In-Camera Charger (AC-L200)

InfoLithium® Rechargeable Battery (NP-FA50)

Handycam® Station (DRCA-C131)

Memory Stick Duo™ Media (MSH-M16)

Remote Commander® Remote Control (RMT-831)

Stereo AV Cable

USB Cable

Lens Cap

Wrist Strap

CD-ROM with USB Driver (PicturePackage™

Software Ver. 1.5 for Sony)

service and warranty

Limited Warranty: 1 Year Parts; 90 Days Labor

optional accessories

Lightweight Tripod (VCT-R610)

Carrying Case (LCS-VA5)

Pocket Tripod (VCT-TK1)

Carrying Case (LCS-VA4)

Rechargeable InfoLithium® Battery (NP-FA50)

worryfree[®]digitalvideo™

Sony. Engineered to be effortless.

BATTERY LIFE⁴

Battery ⁴ (Fully charged)	Continuous Record Time LCD/LCD Backlight Off	Continuous Playback Time LCD/LCD Backlight Off
NP-FA50	95/110 min	105/125 min
Battery ⁴ (Normally charged)		
NP-FA50	85/100 min	95/115 min



MEMORY MODE³

Still Pictures — Fine/Standard (Approx.)



Memory Stick Duo™ Media ³	Fine/Std 640x480	Memory Stick PRO Duo™ Media ³	Fine/Std 640x480
8MB	50/120	256MB	1400/3550
16MB	96/240	512MB	2850/7200
32MB	190/485	1GB	5900/14500
64MB	390/980		
128MB	780/1970		



MPEG MOVIE EX MODE³

h=hours, m=minutes, s=second

Memory Stick Duo™ Media ³	Email Mode (160x112)	Presentation Mode (320x240)	Memory Stick PRO Duo™ Media ³	Email Mode (160x112)	Presentation Mode (320x240)
8MB	5m 20s	1m 20s	256MB	2h 50m 40s	42m 40s
16MB	10m 40s	2m 40s	512MB	5h 41m 20s	1h 25m 20s
32MB	21m 20s	5m 20s	1GB	11h 22m 40s	2h 50m 40s
64MB	42m 40s	10m 40s			
128MB	1h 25m 40s	21m 20s			