

SONY

DIGITAL Imaging

SPEC SHEETS ▼


b2B
Business to Business
ONLINE

previous ◀◀ | ▶▶ next

● DCR-PC1 DIGITAL VIDEO CASSETTE CAMCORDER

Spec Sheets

Artwork

POP Info

Charts

- Sony's Smallest DV Camera
- Digital Video Recording
- Carl Zeiss® Lens (Vario-Sonnar With 10x Optical/120x Digital [Zoom](#))
- 2.5" Swivelscreen™ Precision Color LCD (180k [Pixels](#))
- Precision Color Viewfinder (180k [Pixels](#))
- 1/4" [CCD](#) With 680k [Pixels](#)
- Super Steadyshot® Image Stabilization
- i.Link™ DV Interface (IEEE 1394)
- Photo Mode
- 12 Bit Or 16 Bit PCM Stereo With Audio Dub Capability (12bit)
- 7 Mode [Program Auto Exposure](#)
- Component Video Recording
- LP Mode For Up To 90 Minute Recording Using 60 Minute Tape
- Small, Lightweight InfoLithium® Battery With AccuPower™ System
- Index Titler
- 14 [Picture Effects](#) (6 Digital)
- Time Code
- 5 Mode A/V Fader
- 16:9 Wide Mode (Full)
- Magnesium Alloy Body
- Edit Search
- [End Search](#)
- MSRP: \$1699.00



● Features

- **Sony's Smallest DV Camcorder to date** This unique, ultra-compact design is approximately 27% smaller than the DCR-PC10. Despite the small size, this camera is feature packed and provides excellent quality.
- **Digital Video Recording:** 1/4" 680K pixel [CCD](#) imager designed specifically for DV picture quality.
- **Carl Zeiss Lens:** Professional quality, precision lens system provides unparalleled detail and clarity.
- **10X Optical [Zoom](#)/120X Digital:** brings the action up close from far away
- **PCM Digital Stereo Audio Dub:** Capable of recording 12 Bit or 16 Bit digital stereo audio. Audio dub allows you to add an additional 12 bit stereo track to your original recording (with optional RK-G128)
- **LP RECORDING:** Increases Record/Play time and allows you to record 90 minutes of digital video on a 60 minute DV cassette.
- **SUPER [SteadyShot](#) PICTURE STABILIZATION:** Image stabilization system that uses motion sensors that compensate for camera "shake" without compromising picture quality. Super SteadyShot will also eliminate high frequency vibration for smooth video.
- **7 MODE PROGRAM AE:** Soft Portrait, Beach & Ski, Sports Lesson, Landscape, Spotlight, Sunset & Moon, and Low Light. Allows for proper exposure and image quality in a variety of situations.
- **5 LUX MINIMUM ILLUMINATION MANUAL FOCUS RING:** Allows added control of focus.
- **Manual Focus Ring** Allows added control of focus
- **MANUAL EXPOSURE CONTROL:** Allows variable exposure control
- **DIGITAL NOISE REDUCTION:** Provides improved picture quality in the camera mode, by reducing chrominance(color) noise in low light situations
- **2 1/2" SwivelScreen™ LCD:** Active Matrix LCD provides brilliant images and you can swivel the screen angle, up to 270°, even adjust it to the popular 'mirror' mode. This LCD also has anti-glare and anti-fingerprint treatments that will help to eliminate smudges, and offer easier cleaning.
- **PRECISION COLOR VIEWFINDER:** With 180k [pixels](#) provides excellent viewing clarity, with increased resolution.
- **Infolithium Battery With Accupower System:** Sony's smallest Lithium Ion battery to date will show you the remaining battery power in minutes in the LCD or the viewfinder.
- **BUILT-IN SPEAKER WITH VOLUME CONTROL**
- **DIGITAL [PICTURE EFFECTS](#):** New [digital picture effects](#) allow you to get very creative with you shots, you can even vary some of the levels. There are 6 Digital Effects: Still, Flash Motion, Luminance Key, Slow Shutter, Trail, and Old Movie, plus 8 different Picture Effects.
- **PHOTO MODE:** Using Sony's Unique Adaptive Frame Interpolation

for better image quality, you can store up to 700 individual still photos on a 60 minute cassette in the LP Mode.

- **DIGITAL AUDIO/VIDEO FADER:** Select from 5 different fader modes to transition from scene to scene: Black, Mosaic, Overlap, Bounce, and Monotone.
- **i.LINK™ DV INTERFACE (IEEE1394):** Edits between two digital camcorders, or a camcorder and a deck with virtually no generation loss. The i.Link interface allows for direct digital communication between you DV Handycam® camcorder and you PC with optional DV Capture card(s).
- **INDEX TITLER:** Custom titles (22 characters), 8 pre-set titles, 2 sizes, 9 positions using 4k Cassette Memory found in select Sony Mini DV cassettes, lets you add or change titles at any time.
- **DROP FRAME TIME CODE:** For frame accurate editing
- **CONTROL L(LANC):** Connects Sony VCR's and editing controlling for accurate editing
- **CRYSTAL CLEAR STILL/SLOW MOTION PLAYBACK**
- **EDIT SEARCH:** Allows you to review the last several seconds of video without leaving the camera mode.
- **16:9 WIDE MODE (FULL):** Allows you to record and playback in a 'widescreen' aspect ratio.

● Specifications

- **IMAGING DEVICE:** 1/4" Color [CCD](#) 680K [Pixels](#)
- **LENS:** 10x, variable (1.45-22.5 sec. [zoom](#) lens); f(focal distance) =3.33-33mm F=1.7-2.22 f(35mm conversion)=42-420mm
- **FILTER DIAMETER:** 30mm
- **FOCUSING:** Full Range Inner Focus-Auto with manual focus ring
- **MINIMUM ILLUMINATION:** 5 Lux
- **[SHUTTER SPEED:](#)** 1/60- 1/4000
- **VIEWFINDER:** Precision Color 180k [Pixels](#)
- **ACCESSORY SHOE:** Yes (cold)
- **VIDEO/AUDIO RECORDING SYSTEM:** Helical Scan System
- **AUDIO RECORDING:** PCM Audio 12 or 16 Bit
- **DV IN/OUT (i.LINK-IEEE1394):** Yes
- **AUDIO/VIDEO OUTPUTS:** Yes (special)
- **S-VIDEO OUT:** Yes
- **EXTERNAL MIC INPUT:** Yes (stereo plug-in power)
- **HEADPHONE JACK:** yes (stereo)
- **CONTROL L (LANC):** yes
- **[WHITE BALANCE:](#)** Auto
- **EXPOSURE:** Auto
- **POWER CONSUMPTION(Viewfinder/LCD):** 3.2W/4.5W

● Supplied Accessories

- AC Adapter
- NP-F10

- Remote (RMT808)
- Stereo A/V Mini
- Lens Cap
- Lithium(clock-installed)
- AA Battery. X2

Optional Accessories

- NP-F20
- NP-F30
- VCT-R610

Weight

- .92 lbs. (without tape or battery)

Dimensions

- 2" x 4 2/3" x 3 2/3"

previous ◀ | ▶ next

| | | | | | |
|------------|----------|----------|-------------------|-----------|----------|
| Home | Products | Artwork | SPECSHEETS | POP | Charts |
| Promotions | Articles | Glossary | | Telephone | Training |

[Sony B2B Online](#) | [Copyright 1998 Sony Electronics Inc.](#) | [Trademarks](#)