ELURA 50
DIGITAL VIDEO CAMCORDER

Travel Light, Travel Right™

www.canondv.com
Ultra-Compact Design...

Whether your travels take you to lush tropical rainforests, white sandy beaches, or busy marketplaces brimming with local color, Canon's ELURA 50 camcorder is the one item that will never be left home. Its extreme portability means it travels wherever you do, so you’ll never miss an opportunity. Superior picture quality allows you to relive all the sights and sounds of your trip, just as you remembered them, with rich, vibrant color, and crisp detail, without even leaving your living room. Although vacations can’t last a lifetime, the Canon ELURA 50 guarantees a journey back anytime you choose.

DV Format
MiniDV is the new preferred format for personal and broadcast-quality video, highly regarded for its high audio and image quality. With up to 540 lines of horizontal resolution and minimum color noise, MiniDV delivers a 20% clearer picture than analog camcorder formats. All this, in a handy, super-compact cassette.

Image Stabilizer
A high quality image stabilization system corrects camcorder shake instantly, so your videos always look smooth, steady and natural even when shooting hand-held at full telephoto. Canon's image stabilization system is even effective while panning and zooming.

DIGIC DV
DIGIC DV is a system for achieving superior video and photographic images. Canon’s expertise in imaging and electronics is flawlessly blended together, resulting in outstanding performance. It offers substantial benefits in color reproduction. DIGIC DV makes it possible to achieve accurate color for both video and digital photos. Since video and photos have different color requirements, DIGIC DV utilizes two different color techniques to maximize video quality on a TV and still image quality for print or computer display.

VIC
Embracing the industry's latest and most sophisticated technology, Canon camcorders feature an exclusive connection circuit, called VIC. VIC is a virtual powerhouse. Traditionally, multiple chips were needed to perform the camcorder’s input and output functions. However VIC manages it all with one single chip. The result is seamless connectivity whether you are connecting to a computer, TV, or VCR.

Genuine Canon Optics:
10x Optical Zoom Lens (40-400x Digital Zoom)
What sets a Canon camcorder apart from all the others? It’s the only camcorder made by a company renowned for high-quality professional optics. Our vast expertise in designing and crafting precision lenses for 35mm and broadcast TV cameras also goes into every camcorder lens we make. The ELURA 50’s optical zoom lens delivers superb definition and contrast, taking full advantage of the DV format. The digital zoom extends the camcorder’s magnification revealing details too small to see with the naked eye.
Unsurpassed Quality...

XGA High Resolution Photos
The ELURA 50 camcorder captures beautiful high definition photos. Just press the photo button to capture stunning XGA (1024 x 768 pixel) images onto the included 8 MB SD Memory Card. They may be captured at a variety of different image qualities and compression sizes (Superfine/Fine/Normal).

Digital Photo Mode
For added flexibility, you may take up to 700 still images on a single MiniDV tape (in SP Mode). The camcorder records the photos for approximately 6 seconds, as well as recording the sound for your verbal notes or narration. You can search through the recorded tape for your photos using the supplied remote control.

Video Mode
The ELURA 50 utilizes high-precision optics, a premium image stabilization system, and the latest processing technology to deliver outstanding video in all situations.

IEEE1394 DV Terminal
An IEEE1394-compliant DV terminal lets you connect the ELURA 50 to a DV-compatible computer or another Canon DV camcorder. Transfer your digital movies to your computer’s hard disk, edit your scenes, then use them to create high-impact Web sites, video e-mail, interactive CDs and DVDs, or a personal video album.

Included Software
With DV Messenger, you can use your Canon camcorder for Internet Video Chat with Microsoft Windows Messenger through IEEE1394. Control the zoom and focus of your camcorder or the person you are chatting with. Preview thumbnails and transfer photos. Watch and control the video playback of either camcorder - all from your computer.

USB Terminal
Allows high-speed transfer of images from your SD Memory Card or MultiMediaCard to your computer. By using the USB cable and software provided, you can process and organize your images on your PC.

Included Software
The ELURA 50 includes software for image management and editing: ZoomBrowser EX (Windows) and ImageBrowser (Macintosh) which let you easily download, browse, archive, and retouch your photos. Automatically resize images and attach them to e-mail, arrange them for printing, and add text.

SD Memory Card and MultiMediaCard
The ELURA 50 expands video possibilities with a built-in slot for an SD (Secure Digital) Memory Card or a MultiMediaCard, in addition to a MiniDV cassette. You can also capture small movie clips to the memory card in Motion JPEG format. Easily transfer images to your PC directly from the camcorder using USB and IEEE1394. Produce effects not possible with just a cassette using the Card Mix Effects. Choose one of the sample images provided on the supplied SD Memory Card (such as picture frames and backgrounds) and combine it with the live video recording.

Motion JPEG
The ELURA 50 lets you record short movie clips in Motion JPEG format onto the inserted memory card, for clear images and smooth playback. You may choose to record up to 10 seconds at 320 x 240 pixels or up to 30 seconds at 160 x 120 pixels.

Motion JPEG
The ELURA 50  lets you record short movie clips in Motion JPEG format onto the inserted memory card, for clear images and smooth playback. You may choose to record up to 10 seconds at 320 x 240 pixels or up to 30 seconds at 160 x 120 pixels.
Analog Line-In/Converter
You can send an analog video signal from a TV, VCR or a camcorder into the ELURA 50 and record it onto a DV tape, or convert the analog signal into digital signal, for direct transfer to digital video devices or computers equipped with a IEEE1394 terminal*. *The Analog to Digital Converter may not function depending on the software used.

PCM Digital Sound
The ELURA 50 offers two digital modes, 16-bit and 12-bit. You can select 16-bit mode for high-quality, CD-equivalent stereo sound, or 12-bit to record only two of four channels, leaving two channels free for you to record additional sound later.

Manual Controls
The fully-automatic ELURA 50 gives great results even in the hands of a novice, while experts will appreciate the manual focus, exposure, white balance and shutter speed controls.

Direct Print Choices
Connect your camcorder to a Canon Card Photo Printer CP-10 or a Canon Bubble Jet Direct Printer, without even connecting a computer. A single cable connects the printer to your ELURA 50, and you can perform trimming and other functions right from the camcorder. Choose from a range of different paper sizes with options for borderless or bordered prints.

Exif Print
The ELURA 50 supports Exif Print (2.2), a worldwide standard that enhances communication between digital cameras and printers. At the time of shooting, vital camcorder settings and scene data are recorded with the image, resulting in realistic and reliable color reproduction. Poor lighting or mistakes can also be corrected, allowing photos to be even better than the originals.
Flexible LCD View Screen and Color Viewfinder
The bright 2.0” LCD view screen makes it easy to compose sensational shots without having to squint into the viewfinder. You can rotate the screen for high- or low-angle shots, or turn it around 180° to record yourself. When you’re done shooting, the screen is perfect for reviewing your scenes.

AE Shift
This function lets you control how dark or light the camcorder sets the Auto Exposure level.

Program Auto Exposure
While the Easy Recording mode is fine for most shooting situations, the camcorder also includes additional pre-programmed auto exposure modes (Auto, Sports, Portrait, Spotlight, Sand & Snow, Low Light and Night mode), each carefully designed to give you the best possible image results under special shooting conditions. In situations normally too dark for recording, the camcorder uses the Night mode to select the ideal shutter speed and sensitivity combination to brighten up the scene, without sacrificing color.

Super Night Mode and Low Light Plus Mode
Even when the light has faded, you can keep on shooting with the ELURA 50’s Super Night mode (in CAMERA mode) and Low Light Plus mode (in CARD CAMERA mode). The assist lamp lights up to illuminate the subject allowing you to capture the action without turning the lights on.

StitchAssist
By using the StitchAssist Mode, you can create magnificent panoramas. Shoot your landscape, and transfer them to your computer. Then simply select and arrange your images in the correct order, and the supplied PhotoStitch software does the rest, aligning, overlapping and cropping the separate images to form one ultra-wide panoramic still image.

Digital Effects
Show your creativity by using the special effects and digital faders available with the ELURA 50. A wide selection of faders and special effects will add visual appeal and greater imaging variety.

Faders
Add a variety of transitions to your movies with a fade to or from black. Choose from Fade Trigger, Wipe, Corner, Jump, Flip, Puzzle, Zigzag, Beam and Tide.

Special Effects
For a more creative look, you can switch on the following digital effects during recording or playback: Art, Black & White, Sepia, Mosaic, Ball, Cube, Wave, Color Mask or Mirror.

Multi-image Screen
Divide your screen into four, nine or sixteen pictures with the Image Capture function. You can choose the speed at which the images are captured: Manual, Slow, Moderate or Fast.

- Lithium Ion Battery
- S-Video Input/Output
- Microphone Terminal
- Remote Control Included
- Built-in Speaker
- Superb Playback Function
- 16:9 Wide Screen Mode
- AV Insert and Audio Dubbing
- Self-Timer
- Photo Search/Date Search
- Time Code/Data Code
- Record Search & Review
- Confirmation Beep
- Zero Set Memory
- World Clock
- LANC & Terminal*

*Connect only equipment bearing the LANC symbol.
Specifications

Power consumption (rated) 7.4 V DC
Power consumption Using viewfinder: 3.1 W
Televisions color (with the camcorder) 2 inch measured diagonally
Lens SP: 0.74 ips (18.81 mm/s); Card: ADPCM digital signal: 16-bit (16kb/hs; 4 Khz)
Image sensor 1/6' CCD (effective pixels: tape: approx. 390,000 pixels)
Tape format 12 bit (32kHz/4ch)
Audio terminal S-video terminal 1 Vp-p/75 ohms unbalanced
Video terminal 1 Vp-p (p. signal), 0.3 Vp-p (c signal)
Audio terminal Input level: 10 dBrV minimum 40 kHz; Gain: +1 dB, 1 dB, 0 dB
Audio terminal Output level: -48 dB, +4 dB, -48 dB, +4 dB
Minimum illumination More than 100 lx
Recommended illumination 2.0 x 4.4 x 3.9 in. (50 x 111 x 89 mm)
Dimensions Weight: 1.3 x 4 oz. (380 g)
Weight

System requirements for supplied software:

DIGITAL VIDEO SOLUTION DISK

Macintosh ImageBrowser 30MB or more
PhotoStitch 40MB or more
Canon Camera WIA Driver 25MB or more
DIGITAL VIDEO SOLUTION DISK

Windows Windows 2000
OS 4.7 operates correctly.
Windows XP Professional systems with built-in IEEE1394 terminal
Free Hard AV/C Camera Storage Subunit-WIA Driver 1 MB or more
RAM 128 MB or more (256 MB or more recommended); 256 MB or more for
Free Hard AV/C Camera Storage Subunit-WIA Driver, 256 MB or more for
Windows XP systems with built-in IEEE1394 terminal

The CANON ELURA 50 KIT

ELURA 50
NB-5L Battery Pack
CB-5L Battery Charger
CA-PJ500 Compact Power Adapter
WL-D77 Wireless Controller
STV-250N Stereo Video Cable
S-150 S-Video Cable
IFC-300PCU USB Cable
SDC-8M SD Memory Card
DIGITAL VIDEO SOLUTION DISK
DV NETWORK SOLUTION DISK

DV NETWORK SOLUTION DISK
Interface: IEEE1394, only preinstalled Windows XP Home Edition or
Windows XP Professional systems with built-in IEEE1394 terminal
CPU 660 MHz or better (600 MHz or better recommended)
RAM 128 MB or more (256 MB or more recommended)
Free Hard AV/C Camera Storage Subunit-WIA Driver 1 MB or more
Other Windows Messenger version 4.5/4.6/4.7

Warning: Unauthorized recording of copyrighted materials may infringe on the rights
of copyright owners and be contrary to copyright laws.

Errors and omissions excepted. Weight and dimensions are approximate.
Subject to change without notice.

Macintosh is a trademark of Apple Computer Inc., registered in the United States and other
countries. Microsoft and Windows are either registered trademarks or trademarks of
Microsoft Corporation in the United States and/or other countries. All other product
names not mentioned above may be registered trademarks or trademarks of their
respective companies. SD logo is a trademark. Canon is a registered trademark of Canon
Inc.

Copyright © 2003 CANON INC.
Printed on 100% recycled paper.

www.canondv.com