

One Camera, Twice The Enjoyment...



FVD-C1




CAMERACORDER™



Introducing
**THE AMAZING
CAMERACORDER™**
FROM FISHER

And It's Pocket Size To Boot!

THE BEST OF BOTH WORLDS!

Imagine a camcorder capable of capturing DVD-like video quality AND a 3.2-megapixel digital camera all in one pocket-size photographic device—truly a photographic marvel. That's the new, revolutionary Fisher CameraCorder™.

State-of-the-art digital camcorders take high-resolution video, but are serious under-performers when it comes to digital still photographs. Conversely, high-end digital still cameras take great pictures, but typically record low-resolution, short video clips.

Until now!

The astonishing Fisher CameraCorder™ is the consummate, simple-to-use, advanced solution that affords both high-resolution video and high-end digital images. And, it is small enough to fit in your pocket or purse.

THE FISHER CAMERACORDER™...LOADED WITH OUTSTANDING MULTIMEDIA FEATURES!

- World's Lightest MPEG-4 Camcorder/Digital Camera with Memory Card Storage*
- Fits in the Palm of a Hand or Inside a Pocket (2.7" x 4.3" x 1.3" & only 5.4 ounces!†)
- DVD-Like Quality Video Resolution (VGA: 640x480; Full-Motion 30fps)
- True 3.2 Megapixel Digital Still Images
- 3.2-Megapixel CCD
- CD-Quality Stereo Sound (AAC Audio)
- Up to 30 Minutes of DVD-Like Quality Recording or 80 Minutes of VHS-Quality Recording (with Supplied 512MB Memory Card)
- Up to 491 Pictures in High 3.2 Megapixel Resolution (2048 x 1536) mode or up to 3931 Pictures in Normal 0.3 Megapixel Resolution (640 x 480) mode (with Supplied 512MB Memory Card)
- 5.8X Optical Zoom Lens; 10X Digital Zoom
 - Lithium-Ion Battery and AC Operation

*Consumer use digital video camera category, with better than VGA camcorder resolution (as of 10/1/03).

†CameraCorder™ only; without battery or SD memory card.



The All-In-One, Easy-To-Use, Multifunction Cool Alternative To Hassling with Multiple, Bulky Cameras

What will it be: Snapshots or video? Until now, it has been one or the other, unless you wanted to lug around two cameras. With the remarkable Fisher CameraCorder™, there is no choice to make. It lets you do both with one pocket-size lightweight solution! It even lets you take still shots and video at the same time! Or capture an image from video footage.

Baby taking his first steps? Simply push the video button and catch those toddling beginnings. The twins playing dress up? Push the digital camera button to capture those lipstick smeared moments forever. Junior's big game this afternoon? While you are catching the action on video, you can simultaneously take some snap shots of his game winning hit, too. And don't forget to take a picture of the new home to e-mail to relatives and friends across country.

The Fisher CameraCorder™ is the first camera to incorporate both a 3.2-megapixel digital still camera and a MPEG-4 digital camcorder offering DVD-like video quality in one pocket-size product. Plus, the CameraCorder™ easily connects to a TV or PC, allowing you to effortlessly view and enjoy your work, no matter what mode you shot in.

Whatever the moment, mood, or situation, with the revolutionary Fisher CameraCorder™, you will have the right camera in the palm of your hand to capture it.



COMPACT SIZE

You might think that a dual-purpose, sophisticated piece of photographic equipment, such as this, would be big, bulky, and pretty cumbersome to take along with you, especially considering it combines two entirely different types of camera technology. Nothing could be farther from the truth!

Thanks to the extraordinary talents of our resourceful engineering team, which has been responsible for numerous advanced digital imaging technologies, the CameraCorder™ fits neatly inside a purse or in the pocket of a shirt or jacket. Tipping the scales at just a mere 5.4 ounces†, it weighs less than most single-function digital cameras and is about the weight of a typical cell phone.

ERGONOMIC DESIGN

In addition to its compact size, the Fisher CameraCorder™ is ergonomically designed to fit snugly in the palm of your hand with your fingers securely wrapped around it. This helps ensure that the camera is steady while being used, eliminating any worry over blurred photos and herky-jerky video scenes.

DVD-LIKE QUALITY CAMCORDER

If you have ever viewed a DVD movie, you know how clear and sharp the images are. Now, you can record remarkable, high-quality, full-motion (30fps) video yourself with the amazing Fisher CameraCorder™.

UNIQUE MPEG-4 CHIP CAPTURES ONE-HOUR OF DVD-LIKE VIDEO

A key component to the Fisher CameraCorder™ size and performance is its proprietary state-of-the-art MPEG-4 chip, developed specifically by our advanced video engineering team in Osaka, Japan. This leading-edge technology enables the CameraCorder™ to record at the 2Mbps bit rate needed to capture over half an hour of DVD-like full-motion, 30-frames-per-second video on the 512MB memory card supplied with the product (newer, high capacity 1GB memory cards are expected to become available soon). This is something that virtually all of today's memory card digital video camcorders, using either Mini DV or MPEG-2 compression formats, cannot duplicate. Additionally, this low power consumption chip, combined with the camera's ultra-thin Lithium Ion battery, maximizes recording time.

The open MPEG-4 video and audio standard is a major advancement over earlier MPEG-1 (the principal technology in CD video) and MPEG-2 (compressed video format) technologies. Not only does our exclusive MPEG-4 chip deliver higher video definition and higher quality AAC format stereo sound, which is much better than the previous formats, it does so in a much smaller file size, making it easier and quicker to download or electronically send files. MPEG-4 is among the most advanced video standards for such applications as Internet multimedia, interactive video games, interpersonal communications, interactive storage media, and wireless multimedia.

What does all of this mean to the CameraCorder™ user?

Simply put: A better MPEG-4 chip equals a better digital video solution!

3.2-MEGAPIXEL DIGITAL CAMERA

3.2-megapixels—more pixels than you'll find in many single-function digital still cameras! With this many pixels, the Fisher CameraCorder™ afford crisp, super-clear, bright images that are very close in quality to professional 35mm shots. It captures still digital photos in super fine, fine, and normal resolutions. Images as large as 11" x 14" can be easily output through a color printer or sent via e-mail without any loss of clarity.

MULTIFUNCTION CAPABILITY

Not only does the CameraCorder™ take both digital still pictures and full-motion 30fps video, but it also has the ability to do both simultaneously! Special technology allows users to take snap shots as they record video. The still images are saved in a different file, allowing easy viewing after the video recording is complete. Still images may also be captured and saved from the recorded video.

The Fisher CameraCorder™—truly the best of both worlds!

SD MEMORY CARD (INCLUDED)

The CameraCorder™ makes use of the highly advanced SD (Secure Digital) removable memory card for storing images and video. This solid-state, flash-memory based, non-volatile storage card provides a compact, reliable, easy-to-use medium to store high volumes of audio-visual data. Though only the size of a postage stamp, the card offers an incredible combination of high storage capacity, fast data transfer, great flexibility, and excellent security. Downloading data to a PC or laptop for permanent storage or viewing is fast, simple and secure. The CameraCorder™ comes packed with a 512MB SD card, more than enough to get you started in an exciting new world of digital still and video imaging.



The following charts provides approximate time and image capacities for the Fisher CameraCorder™ using the supplied 512MB SD recording card.

SD Memory Card Size	MPEG-4 Video Recording Time (total)					Still Photo Capacity		
	TV-SHQ (30fps)	TV-HQ (30fps)	TV-S (30fps)	Web-HQ	Web-S (15fps)	2048 x 1536	1600 x 1200	640 x 480
512MB	21 min. 2 sec.	30 min. 39 sec.	81 min.	117 min.	151 min.	491 images	786 images	3931 images

MULTIFUNCTION DOCKING STATION

The multifunction docking station performs many vital tasks. It can be used as a battery charger or as an AC power source for the camera during playback. It can be used to easily connect the CameraCorder™ to a TV or PC for instant playback and enjoyment of what you just shot. It also makes a convenient storing location for the camera when it is not in use. A handy remote control unit is included for simplified docking station operation.

PREPROGRAMMED EXPOSURE SETTINGS & FILTER MODES

Make the most of your new digital imaging opportunities with the CameraCorder's built-in exposure settings and filters. The Scene Select menu lets you choose from five different options: Sports (for a fast-moving subject), Portrait (softens background to emphasize subject), Landscape (captures subtle color and light variations in distant scenery), Night View (captures foreground subject plus background night illumination) and Lamp (ideal for subjects lit by low light or candle light). There are also five filter functions to add a creative touch to your stills and videos: Cosmetic (enhances skin tones), Slim (adjusts aspect ratio to fit more into shot), Monochrome (for that artsy black & white look), Sepia (changes the color tone for a vintage look) and Ghost (highlights subject's movement against a static background).



SEMI-TRANSMISSIVE, LOW-TEMPERATURE POLYSILICON TFT LCD

The Fisher CameraCorder™ features a bright, low-temperature polysilicon Thin Film Transistor (TFT) LCD, with 110,000 pixels of resolution. This display technology utilizes a semi-transmissive panel to overcome problems caused by light reflection in sunny weather. Indirect sunlight, the backlight can be turned off for a clearer on-screen image.

GET TO KNOW YOUR CAMERACORDER™

1. STILL PHOTO CAPTURE BUTTON

In Record Mode push this button to capture a 3.2, 2.0 or 0.3 Megapixel still digital image.

2. MULTI-FUNCTION SET BUTTON

4 cursor buttons that guides you through all the various on-screen options.

3. POWER BUTTON

Turn the unit on and off.

4. RECORD/PLAY SELECTOR

Toggles between Play and Record Mode.

5. VIDEO RECORD BUTTON

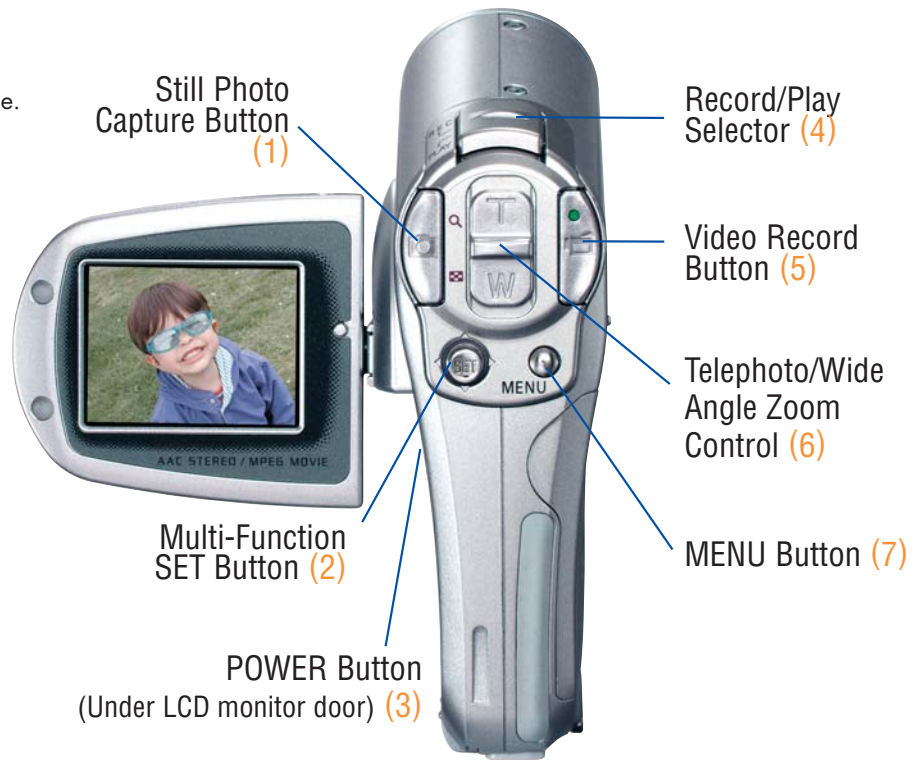
In Record Mode push this button to capture a Video.

6. TELEPHOTO/WIDE ANGLE ZOOM CONTROL

Use this button to zoom in and out.

7. MENU BUTTON

4 cursor buttons that guides you to the on-screen menu.



VIDEO SUPERIORITY

When compared to a traditional camcorder, the Fisher CameraCorder™ is vastly superior in a number of ways.

These include:

SIZE

Since it does not have a tape mechanism, the CameraCorder™ is much smaller and reliable than a traditional camcorder.

RELIABILITY

Since the tape transport and all of the video recording heads as well as all parts and mechanisms needed to move tape have been eliminated, the unit affords tremendously greater reliability than traditional digital camcorders. Also, since the CameraCorder™ does not use tape, there is no worry about tape stretching and breaking.

MAINTENANCE

With the elimination of all of the tape parts and mechanisms, no cleaning of heads and guides is required.

QUICK START

With a traditional camcorder, the tape must be set at the end of a 'scene' to avoid accidental overwriting of previously recorded material. The Fisher CameraCorder™ automatically locates the end of a 'scene', eliminating the possibility of accidentally overwriting material.

INTERACTIVITY

A hallmark of the Fisher CameraCorder™ is its interactivity. It may be used for streaming videos, providing web content, editing videos, and included in e-mails. With a traditional camcorder, you are pretty much limited to viewing on a TV with little editing capability.

INSTANT ACCESS

The CameraCorder™ provides thumbnail images of scenes stored on the SD memory card. As many as nine thumbnail images can be displayed on screen at the same time. This makes it far easier to access a desired 'scene' than the traditional camcorder's time-consuming method of rewinding or fast forwarding in order to find a specific 'scene'.

EASY EDITING

CameraCorder™ recordings are done in separate files, making it easier to delete or insert material. With a traditional camcorder, it is virtually impossible to insert or delete material without overwriting or leaving blank spaces.

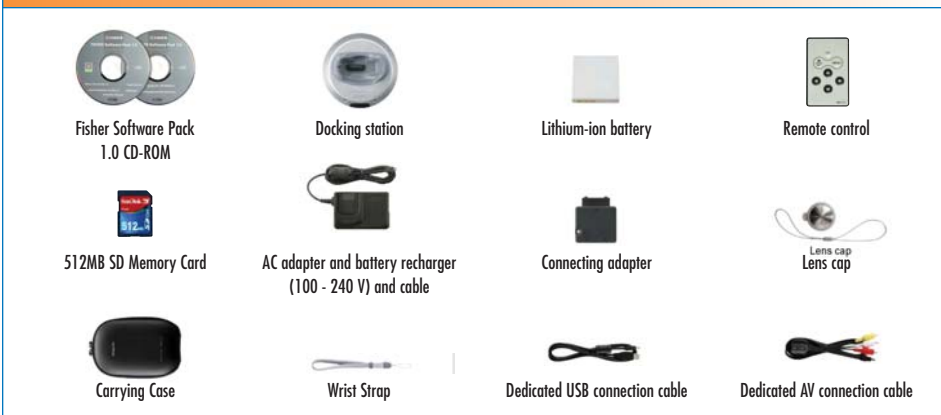
SPECIFICATIONS

Effective pixel count	Approx. 3.2 megapixel
CCD	1/2.7 inch, 3.34 megapixel CCD (total)
Recording media	SD Memory Card
Recording file formats	Still pictures: JPEG, DCF1, DPOF2, Exif Ver2.23 Video clips: ISO standard MPEG-4 (simple profile) Audio: AAC (stereo)
Resolution (pixels)	Still shots: 3.2M mode: 2048 x 1536; 2.0M mode: 1600 x 1200; 0.3 mode: 640 x 480 Movie clips: TV-SHQ mode: 640 x 480/30fps/3Mbps; TV-HQ mode: 640 x 480/30fps/2Mbps; TV-S mode: 320 x 240/30fps; Web-HQ mode: 320 x 240/15fps; Web-S mode: 176 x 144/15fps
Lens	f = 5.8-33.8mm (38-220mm on a 35mm camera), 5.8x optical zoom lens F: 3.5 (W) – 3.7 (T), AF: 8 groups, 11 lenses, built-in ND filter
Photo range	Standard: 10cm (wide) / 80 cm (tele) to infinity; Super macro: 2 cm (wide) to 60 cm (wide)
Shutter speed	Still shots: 1/2 ~ 1/2000 sec. (Flash) 1/30 ~ 1/2000 sec. Lamp mode: max. 2 sec.) Movie clips: 1/30 ~ 1/10000 sec.
Digital zoom	Shooting: 10x max., Playback: 32x max. (2880 mode, depending on resolution)
Auto focus	Still: 5-point area AF; Video: Area AF
Program AE	Auto / Sports / Portrait / Night View / Landscape / Lamp.
Filter function	Standard / Cosmetic / Slim / Monochrome / Sepia / Ghost
Photometry	Multi-spot
Exposure correction	-1.8EV (in 0.3EV steps)

Flicker reduction	Yes
Sensitivity	Still: Auto (ISO 50-200); Manual (ISO 50/100/200/400) Video clips: Auto (ISO 200-800); Manual (ISO 200/400/800/1600)
Self timer	2 sec. / 10 sec.
White balance	Full: Auto TTL; Manual: Fine / Cloud / Fluorescent / Incandescent lamp White setting
Flash	Auto / Forced / Off (Slow synchro mode possible in Night View Mode)
Audio	Microphone: Built-in stereo; Speaker: Built-in monaural (L / R mixed output)
LCD monitor	1.5-inch Trans-reflective Low Temperature Polysilicon TFT LCD 110,000 pixels (Coverage 100% when not connected with designated AV connection cable; 7-level brightness)
Interface	AV output (Video: NTSC / PAL composite video; Audio: Stereo sound via docking station or connecting adapter); USB 2.0 high-speed mode (via docking station or connecting adapter)
Power source	Lithium-ion battery (DB_L20, included); Recharging AC adapter (VAR-AL20, included)
Approximate battery life	Still shooting: approx. 160 stills (2048 mode); Video clips: approx. 60 min. (TV-HQ mode); Playback: approx. 130 min.
Dimensions	2.7" (W) x 1.3" (D) x 4.3" (H) (approx. 9.1 cubic inches)
Weight	5.4 oz. approx. (main unit only); 6.1 oz. approx. (including battery and SD card)
Included accessories	Fisher software pack 1.0 CD-ROM; Docking station; Connecting adapter; Dedicated USB connection cable; Dedicated AV connection cable; 512MB SD memory card; Lithium-ion battery; AC adapter/battery recharger & cable; Soft case; Hand strap; Lens cap; Remote control

Note: Before using, consult the instruction manual to ensure safe and proper operation. Fisher reserves the right to modify product design and specifications without notice and without incurring any obligations.

ACCESSORIES



SUPPLIED PC KIT INCLUDES HIGH PERFORMANCE MOVIE SOFTWARE

Fisher's remarkable new CameraCorder also comes equipped with a special PC Kit of high-performance movie making software. These tools build on the FVC-D1's impressive in-camera editing capability and help prepare your edited programs for transfer to DVD or creation of a Video CD disc. **Supplied software includes:**

- Motion Director, the world's first image stabilizing software for the PC, reduces the effects of a shaking camera hand by detecting unwanted camera movement in video files. Statistical analysis helps ensure a stable and highly accurate image during playback.
- Ulead Video Studio 7 SE DVD MPEG-4, for editing MPEG-4 video and translating files for DVD Video.
- Ulead Photo Explorer 8.0 Basic MPEG-4 allows creation of Video CDs.
- Quick Time 6.3 for playback in MPEG-4 format.

Plus...

- Built-in stereo microphone
- Built-in speaker
- Built-in three-mode flash
- High-speed USB 2.0 interface
- Macro (to 1.2") function
- Three-step exposure correction
- f = 5.8-33.8mm (35mm film: 38-220mm)

SYSTEM REQUIREMENTS

PC/AT Compatible
Operating System: Windows 98SE, Windows Me, Windows 2000, Windows XP
CPU: Pentium III 1GHz or faster
RAM: 256MB minimum
CD-ROM Drive
USB Support: Windows 98 or later preinstalled models with standard USB port

APPLE MACINTOSH COMPATIBLE

Operating System: Mac OS 8.6 or later
CPU: Power PC or faster
RAM: 64MB minimum
CD-ROM Drive

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