

# MVC-FD200

## FD Mavica® Digital Still Camera



### FEATURES


#### ▶ 1/2.7" 2.0 Mega Pixel Effective Super HAD™ CCD, 2.1 Mega Pixel Gross

Captures professional looking still images with excellent picture clarity and true-to-life color reproduction. Reduced noise in the imager improves signal-to-noise ratio, particularly effective when shooting black objects or in dark situations.


#### ▶ UXGA, XGA, VGA Image Resolution:

Match the resolution you capture images to your needs. Utilizing high quality CCD imagers, Sony digital still cameras capture stunning images in a variety of resolutions ideal for a variety of applications from high-resolution printing, screen shows, websites or e-mail.


#### Dual Media Slots:

 Dual Media slots allow images to be stored on inexpensive easy-to-use floppy disks or in greater capacities using Memory Stick® media. Only FD Mavica can copy from one type of media to another. So you don't have to wait to e-mail images to your friends, you can give them the image on the spot copied to an affordable 3.5" floppy disk. Memory Stick media is a flash memory system that holds data on a tiny, transportable unit which can be used in digital cameras, camcorders, computers, printers and more. Choose between the simplicity of floppies as well as ultra-capacity storage of Memory Stick media-up to 128 MB of memory.


#### 3X Optical/ 6X Precision Digital Zoom:

 ZZoom helps you frame your shots for better digital pictures. Bring distant subjects closer or pull back for wide shots. Precision Digital zoom extends the optical zoom range by 2X without the jagged edges of other designs, resulting smooth images.

#### 12-Bit DXP A/D Conversion:

 12-bit Digital Extended Processor (DXP) captures the dynamic range between light and dark areas of your subject, providing an overall improvement, 4 times the level of brightness of 10 bit systems, without losing detail (highlights and shadow).


#### E-Mail Mode:

 Stores a low-resolution 320 x 240 file in a separate folder from the original image for faster Internet uploads and downloads.

#### Intelligent Flash with Red-Eye Reduction:

Provides the appropriate amount of flash for optimum brightness and color accuracy in virtually any lighting condition. The Red-Eye Reduction system uses a series of pre-flashes that causes the subject's pupils to contract, reducing the possibility of reflection from the back of the eye that causes the red-eye problem.


#### MPEG Movie Mode (No Audio)

 Create small MPEG1 videos clips that record 8.3 frames per second. These clips are great for emailing. Videos can be recorded in the Presentation mode at 320 x 240 resolution for 5,10 or 15 seconds. Or record up to 60 seconds using the E-mail Mode at 160 x 112 resolution. These clips are great for e-mailing.

#### Light Metering

Capture the best possible images even in difficult situations, like when your subject is strongly backlit or in deep shadow. Light metering provides better exposure balance in your images. Choose from Center-weighted Metering and Spot Metering. Center-weighted metering measures light in the entire frame, but emphasizes the weight in the center of the frame. Spot metering measures the light at the center of the frame only.

#### Clip Motion:

 Animated function plays back still images in succession in 1/2 second intervals. Clip motion allows you to capture up to 10 frames in the GIF format and combines them into a compact animated GIF file. By varying time between shots you can create a variety of entertaining animations not possible with other motion capture functions.


#### 2.5" 123K Pixel LCD Display:

What you see is what you get! A large, full color LCD display viewfinder lets you preview or review your shots right on the camera back, with great detail and clarity.


#### 5-Mode Program AE:

Allows quick and easy setting of proper exposure, shutter and depth-of-field for a variety of shooting environments. A/E modes include: Twilight, Twilight +, Landscape, Pan Focus and Spot Meter.

#### TEXT Mode (GIF):

 Great for taking images of documents. Text mode captures images (GIF) with much smaller file sizes without reducing resolution.

#### TIFF Mode:

 Digital images can be stored in an uncompressed file format (TIFF – Tagged Image File Format on the cameras Memory Stick media only). Images are presented with all the color information found in the original shot with no compression, and are perfect for use in graphic applications.

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## ADDITIONAL FEATURES

USB Interface  
Playback Zoom, Trim and Resize  
White Balance (Auto/Indoor/Outdoor/Hold)  
InfoLithium® Battery System with AccuPower™ Meter  
Rechargeable Battery with in Camera Charger/AC Adaptor Supplied

## SPECIFICATIONS

**Imaging Device:** 1 2.7", 2.0 Effective Pixels, Super HAD™ CCD, 2.1 Gross Pixels

**Recording Media:** 3.5" Floppy Disk/Memory Stick Media\*

**Zoom:** 3X Optical/2X Digital/6X Total

**Filter Diameter:** 37mm

**Focal Length:** 6.4 – 19.2mm

**35mm Conversion:** 41 – 123mm

**F:** 3.8 – 3.9

**Focus:** Auto, Preset

**Macro:** Auto (3cm)

**Shutter Speed:** Auto (2 sec. – 1/800 sec.)

**Manual Exposure:** Yes, +/- 2.0 EV, 1/3 EV Steps

**Color LCD:** 2.5", 123K Pixels

**Flash Mode:** Red-eye Reduction, On, Off, Auto

**White Balance:** Auto, Hold, Indoor, Outdoor

**Picture Effects:** Sepia, B&W, Negative Art, and Solarization

**ISO:** Yes (Auto, 100, 200, 400)

**Program AE Modes:** Spot Meter, Pan Focus, Landscape, Twilight

**Self-Timer:** Yes; 10 Seconds

**Audio/Video Out:** Yes, Video Only

**Accessory Terminal:** No

**Erase/Protect:** Yes

**Date/Time Stamp:** Yes

**Slide Show Mode:** Yes

**Media/Battery Indicator:** Yes

**File Formats:** JPEG, GIF, TIFF\*, MPEG1

**Max File Resolution:** 1600 x 1200

**MPEG Movie Mode:** Yes (without Audio)

**Clip Motion:** Normal (160 x 120), Mobile (80 x 72)

**Microphone/Speaker:** No

**USB Terminal:** Yes

**Software Supplied:** Pixela Image Mixer Ver. 1.0, Compatible with Microsoft® Windows® 98, 98SE, Me, 2000, XP; Macintosh® 8.5.1, 8.6, 9.0, 9.1

USB Drivers, Microsoft® Windows® 98, 98SE, Me, 2000, XP; Macintosh® 8.5.1, 8.6, 9.0, 9.1, 10.0, 10.1

**Supplied Accessories:** NP-F330, AC Power Adapter, AC cable, Video cable, USB cable

**Dimensions (W/H/D):** 5 3/5" x 4 1/10" x 3 1/16" (142mm x 104mm x 77mm)

**Weight:** 1.15 lbs (520 grams)

\* Only available when recording onto Memory Stick



## JPEG Still Image Mode

Fine/Standard

	1600 x 1200	1600 x 1072	1600 x 1200	1024 x 768	640 x 480
		(3:2)	(ECM)		
<b>Floppy Disk</b>	4	4	8	10	30
<b>8MB</b>	8	8	No	20	45
<b>16MB</b>	16	16	No	40	95
<b>32MB</b>	32	32	No	85	195
<b>64MB</b>	64	64	No	165	390
<b>128MB</b>	128	128	No	335	785



## MPEG MOVIE MODE

MAXIMUM STORAGE TIME

Memory Stick Media	Presentation Mode	Video Mail Mode
	(320 x 240)	(160 x 112)
	Up to 15 Sec Intervals	Up to 60 Sec Intervals
<b>Floppy Disk</b>	15 sec	60 sec
<b>8MB</b>	1 min 20 sec	5 min 20 sec
<b>16MB</b>	2 min 40 sec	10 min 40 sec
<b>32MB</b>	5 min 20 sec	21 min 20 sec
<b>64MB</b>	10 min 40 sec	42 min 40 sec
<b>128MB</b>	21 min 20 sec	85 min 20 sec

## OPTIONAL ACCESSORIES

AC-V700A AC Adapter/Charger	VCL-ES06A Wide Angle Lens
BC-V615 Battery Charger	VCL-ES20A Telephoto Lens
BC-V500 Dual Battery Charger	VF-37CPKS, Polarizing Filter Kit
NP-F550 InfoLithium® Battery	VF-R37K Neutral Density Kit
LCS-MVC4 Carrying Case	MSA-16A/32A/64A/128A Memory Stick Media
ACC-MVC2 Starter Kit	MSAC-US5 Memory Stick Reader/Writer
VCL-HG0737X Wide Angle Lens	Optical Mouse
VCL-0637H Wide Angle Lens	MSAC-HGA8 Memory Stick Case
VCL-HG2037X Telephoto Lens	DSAC-MVC Eye Level View Finder
VCL-MHG07A High Grade Wide Angle Lens	

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Non-metric weights and measures are approximate.