

SONY

Digital Camera
Digital Photo Printer

2004

POCKET GUIDE



worryfree**digital**photography

Sony. Engineered to be effortless.

So much goes into taking a great digital picture. Battery power, zoom, focus, exposure, control, and resolution must all be taken into consideration. Thanks to the engineers at Sony, the entire picture taking process has been streamlined to the push of a button. With worryfree digital photography, the camera takes care of all of the details, so your customers can simply take magnificent photos.

Only Sony, the leader in digital innovation, offers worryfree digital photography, for picture perfect results – Like No Other.™

- InfoLithium® batteries last longer and are a cinch to recharge.
- Multi-Point Auto Focus automatically reads separate points across the frame to ensure focus on your subject, not the background.
- Real Imaging Processing ensures quick responsiveness and lets you take the picture before the moment has passed.
- Multi-Pattern Metering is smart enough not to get thrown off by a single bright highlight or deep shadow. You get great pictures the first time.
- Intelligent Flash with pre-flash metering fires the flash twice to read exposure through the lens. Adjustable flash level and red-eye reduction mean you always get great flash shots.



Cyber-shot®

DSC-U40/U50/U60

Digital Camera

2.0
MEGAPIXELS

Fixed
FOCAL LENGTH

NiMH
RECHARGEABLE BATTERIES

So small, they go anywhere – always ready to get the shot!

2.0 Megapixel Super HAD™ CCD with exclusive Sony technology for superb resolution, sensitivity and clarity.

Quick Start-Up (approx. 0.9 sec.) means the camera will be ready to get “the” shot of a lifetime.

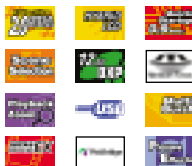
Rotating lens housing (DSC-U50) enables U to get into the picture, lets U take the pictures from overhead or down low.

Waterproof to 5 foot depth (DSC-U60) – ready for the beach, the pool and the ski slopes.

MPEG Movie EX Mode captures high-quality video clips.

PRODUCT FEATURES

- 1.0" hybrid transmissive/reflective LCD monitor makes it easy to frame shots and review pictures.
- 12-bit Digital Extended Processor (DXP) for extended dynamic contrast and detail.
- Pre-Flash Metering sets accurate exposure for flash shots.
- Playback Zoom enlarges the image 2.5X or 5X to view details.
- Memory Stick® (w/DSC-U60) and Memory Stick Duo™ (w/DSC-U40/U50) media are ultra-compact, portable and rugged.
- Rechargeable AAA NiMH batteries for long lasting power; supplied BC-CS2 charger.



SUPPLIED ACCESSORIES

- NH-AAA-DI Rechargeable NiMH AAA batteries
- BC-CS2 Battery Charger
- USB Cable
- Wrist strap (DSC-U60)
- Neck strap (DSC-U40 and U50)
- Lens cap (DSC-U50)
- MSA-8A Memory Stick® media (DSC-U60)
- MSA-M8A Memory Stick Duo™ Media with MSAC-M2 adaptor (DSC-U40/U50)
- Software CD-ROM



Cyber-shot®

DSC-P41

Digital Camera

4.1
MEGAPIXELS

3x
DIGITAL ZOOM

Alkaline
BATTERIES

4 Megapixels never looked better.

4.1 Megapixel Super HAD™ CCD with exclusive Sony technology for superb resolution, sensitivity and clarity.

All-glass lens with 4 elements in 5 groups, 1 aspherical element for exceptional picture quality.

Outstanding picture quality in a sleek, pocket-size, go-anywhere camera.

Worryfree digital photography with highly accurate Auto Focus and Auto Exposure modes; makes great pictures easy!

MPEG Move VX Fine Mode captures smooth video clips of exceptional quality.

PRODUCT FEATURES

- Sony's own Real Imaging Processor for fast startup, fast shot-to-shot times and extended battery stamina.
- 3X Precision Digital Zoom without the jagged picture edges of other designs, resulting in smoother images.
- 1.5" LCD monitor makes it easy to frame shots and review pictures (64K pixels).
- 14-bit Digital Extended Processor (DXP) for extended dynamic contrast and detail.
- Multi-Pattern Metering is not thrown off by a single bright highlight or deep shadow for great exposure, automatically.
- Auto Daylight Synchro Fill Flash identifies subjects in backlight or shadow and fires for optimum exposure.
- Memory Stick® and Memory Stick PRO™ media are compact, portable and rugged.



SUPPLIED ACCESSORIES

- AA Alkaline batteries
- Wrist strap
- MSA-16A Memory Stick® media (16 MB)*
- Software CD-ROM
- USB cable



*Actual available memory is 15 MB.

Cyber-shot®

DSC-P72

Digital Camera

3.2
MEGAPIXELS

3x
OPTICAL ZOOM

NiMH
RECHARGEABLE BATTERIES

The all-around performer with optical zoom.

3.2 Megapixel Super HAD™ CCD with exclusive Sony technology for superb resolution, sensitivity and clarity.

3x optical zoom helps bring distant subjects closer for better composition.

3-Area Multi-Point Auto Focus ensures focus on your subject, not the background.

Powerful Auto Exposure with Multi-Pattern Metering is not thrown off by a single bright highlight or deep shadow.

MPEG Movie VX Mode captures full frame video of great quality.

PRODUCT FEATURES

- 14-bit Digital EXTENDED Processor (DXP) for extended dynamic contrast and detail.
- 0-3.2x Smart Zoom™ feature (12x total at VGA size) magnifies by cropping – eliminating the interpolation of digital zoom.
- AF Illuminator briefly lights your subject in low-light and no-light situations for accurate auto focus.
- Auto Daylight Synchro Fill Flash identifies subjects in backlight or shadow and fires for optimum exposure.
- 1.5" LCD monitor with 123K pixels makes it easy to frame shots and review pictures.
- Add 30mm thread filters and wide or tele conversion lenses with the optional VAD-PEA adaptor.
- Rechargeable AA NiMH batteries for long lasting power; supplied BC-CS2 charger.



SUPPLIED ACCESSORIES

- NH-AA-DA Rechargeable AA batteries
- BC-CS2 battery charger
- A/V and USB cables
- MSA-16A Memory Stick® media (16 MB)*
- Software CD-ROM



*Actual available memory is 15 MB.

Cyber-shot®

DSC-P73
DSC-P93

Digital Camera

4.1/5.1
MEGAPIXELS

3x
OPTICAL ZOOM

NiMH
RECHARGEABLE BATTERIES

Megapixels meet style, sophistication and Sony technology.

4.1 Megapixel (DSC-P73) or 5.1 Megapixel (DSC-P93) Super HAD™ CCD with exclusive Sony technology for superb resolution, sensitivity and clarity.

3x optical/2x digital/6x total zoom brings even far-away subjects up close.

Great pictures for almost any circumstance, thanks to Auto Exposure, Full-Manual exposure and six Scene Modes.

Sony's own Real Imaging Processor for fast startup, fast shot-to-shot times and extended battery stamina.

MPEG Move VX Fine Mode captures smooth video clips of exceptional quality.

PRODUCT FEATURES

- Manual Exposure Mode with 46-step Shutter speed and 2-step Aperture control.
- Multi-Pattern Metering is not thrown off by a single bright highlight or deep shadow for great exposure, automatically.
- Live Histogram Display makes it easier than ever to analyze your shots for correct exposure.
- 1.5" LCD monitor makes it easy to frame shots and review pictures (123K pixels on DSC-P93, 64K pixels on DSC-P73).
- 4 Shot (DSC-P73) or 9 shot (DSC-P93) Burst Mode captures high speed, high resolution shots for fast-moving action.
- Add 30mm thread filters and wide or tele conversion lenses with the optional VAD-PEB adaptor.
- Rechargeable AA NiMH batteries for long lasting power; supplied BC-CS2 charger.



SUPPLIED ACCESSORIES

- NH-AA-DA Rechargeable AA batteries
- BC-CS2 battery charger
- A/V and USB cables
- Wrist strap
- DSC-P93: MSA-32A Memory Stick® media (32 MB)*
- DSC-P73: MSA-16A Memory Stick® media (16 MB)**
- Software CD-ROM



*Actual available memory is 30 MB. **Actual available memory is 15 MB.

Cyber-shot®

DSC-P100

Digital Camera

5.1
MEGAPIXELS

3x
OPTICAL ZOOM

InfoLithium®
RECHARGEABLE BATTERY

A stunning achievement in compact performance.

5.1 Megapixel Super HAD™ CCD with exclusive Sony technology for superb resolution, sensitivity and clarity.

Carl Zeiss® Vario-Tessar® 3x optical zoom lens combines exceptional picture quality and ultra-sleek design.

Outstanding picture-taking technology in a sleek, beautifully crafted camera you can take anywhere – just 1" thin to fit most any pocket or purse.

Works with the optional Cyber-shot Station CSS-PHA cradle for instant connection to your computer and power.

Sony's own Real Imaging Processor for fast startup, fast shot-to-shot times and extended battery stamina.

PRODUCT FEATURES

- Manual Exposure Mode with 46-step Shutter speed and 2-step Aperture control.
- Multi-Pattern Metering is not thrown off by a single bright highlight or deep shadow for great exposure, automatically.
- Live Histogram Display makes it easier than ever to analyze your shots for correct exposure.
- Large, 1.8" LCD monitor with 134K pixels makes it easy to frame shots and review pictures.
- Add 30mm thread filters and wide or tele conversion lenses with the optional VAD-PHB adaptor.
- 14-bit Digital Extended Processor (DXP) for extended dynamic contrast and detail.
- Designed for use with rechargeable InfoLithium® battery (included) for long-lasting power without "memory effect;" enables time-remaining display.



SUPPLIED ACCESSORIES

- NP-FR1 Rechargeable InfoLithium® battery
- AC-LS5 AC adaptor/in-camera charger
- A/V and USB cables
- Wrist strap
- MSA-32A Memory Stick® media (32 MB)*
- Software CD-ROM



*Actual available memory is 30 MB.

Cyber-shot®

DSC-W1

Digital Camera

5.1
MEGAPIXELS

3x
OPTICAL ZOOM

NiMH
RECHARGEABLE BATTERIES

Give your pictures the big screen treatment.

Exceptional picture quality with 5.1 Megapixel CCD and Carl Zeiss® Vario-Tessar® 3x optical zoom lens.

Ideal form factor with rangefinder-type, eye-level optical viewfinder for traditional shooting style.

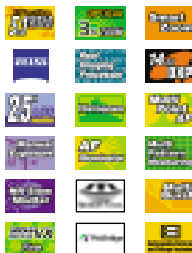
Extra-large, high-resolution 2.5" LCD monitor makes framing and reviewing pictures easy.

Sony's own Real Imaging Processor for fast startup, fast shot-to-shot times and extended battery stamina.

MPEG Movie VX Standard/Fine Mode with audio captures smooth moving pictures at up to 30 frames per second.

PRODUCT FEATURES

- 5.1 Megapixel Super HAD™ CCD with exclusive Sony technology for superb resolution, sensitivity and clarity.
- 3x optical/2x digital/6x total zoom brings even far-away subjects up close.
- Live Histogram Display makes it easier than ever to analyze your shots for correct exposure.
- Manual Exposure Mode with 46-step Shutter speed and 2-step Aperture control.
- 14-bit Digital EXTENDED Processor (DXP) for extended dynamic contrast and detail.
- Add 30mm thread filters and wide or tele conversion lenses with the optional VAD-WA adaptor.
- Rechargeable AA NiMH batteries for long lasting power; supplied BC-CS2 charger.



SUPPLIED ACCESSORIES

- NH-AA-DA Rechargeable NiMH AA batteries
- BC-S2 battery charger
- A/V and USB cables
- Wrist strap
- MSA-32A Memory Stick® media (32 MB)*
- Software CD-ROM



*Actual available memory is 30 MB.

Cyber-shot®

DSC-T1

Digital Camera

5.1
MEGAPIXELS

3x
OPTICAL ZOOM

InfoLithium®
RECHARGEABLE BATTERY

The great little camera with the great big screen.

Incredible quality and compactness with 5.1 Megapixel Super HAD™ CCD and Carl Zeiss® Vario-Tessar® lens, yet barely the size of a deck of cards and less than 1" thin.

Carl Zeiss® Vario Tessar® 3x optical zoom lens combines exceptional picture quality with unique internal design so it never extends from the camera body.

Great pictures for almost any circumstance, thanks to Auto Exposure, Full-Manual exposure and eight Scene Modes.

Enormous 2.5" LCD monitor, unique in such a small camera, makes it easy to read menus, share images with friends.

Sony's own Real Imaging Processor for fast startup, fast shot-to-shot times and extended battery stamina.

PRODUCT FEATURES

- Supplied USB Cradle for quick, one-step connection to a PC, a television and AC power.
- 3x optical/2x digital/6x total zoom brings even far-away subjects up close.
- 14-bit Digital EXtended Processor (DXP) for extended dynamic contrast and detail.
- Unique Magnifying Glass Mode can focus to within 0.4" (1cm), displaying images at 3.3x actual size for spectacular macro shots.
- Multi-Pattern Metering is not thrown off by a single bright highlight or deep shadow for great exposure, automatically.
- AF Illuminator briefly lights your subject in low-light and no-light situations for accurate auto focus.
- Memory Stick Duo™ and Memory Stick PRO Duo™ media are ultra-compact, portable and rugged.
- Designed for use with rechargeable InfoLithium® battery (included) for long-lasting power without "memory effect;" enables time-remaining display.



SUPPLIED ACCESSORIES

- NP-FT1 Rechargeable InfoLithium® battery
- AC-LM5 AC adaptor/in-camera charger
- UC-TA USB Cradle
- A/V and USB cables
- Wrist strap
- MSA-M32A Memory Stick Duo™ media (32 MB)*
- MSAC-M2 Memory Stick Duo™ adaptor
- Software CD-ROM



*Actual available memory is 30 MB.

Digital Photo Printers
DPP-EX50
DSC-EX7

3.8
MEGAPIXELS

4"x6"
PRINT SIZE

PHOTO
QUALITY PROCESSOR

Sony brings lab-quality printing home!

Lab-quality prints at home with fabulous dye sublimation picture quality. Prints resist moisture, fingerprints.

Preview images on your television (DPP-EX50) or on the built in 3.8-inch touch panel LCD screen (DPP-EX7).

PC free printing with creative printing options.

Versatile printing directly from a camera's Memory Stick® or CompactFlash® media, or other media with adaptor.

3.8 Megapixel resolution with 16.7 million colors.

PRODUCT FEATURES

- Prints in three sizes: borderless 4 x 6", borderless 3-1/2 x 5" or economical 3-1/2 x 4".
- SuperCoat 2 protective lamination resists color shift, fading, moisture and fingerprints!
- Connects to TV for image previewing (DPP-EX50 only).
- Fast: prints a 4 x 6" image in about 80 seconds, including processing time.
- PictBridge™ compatibility for direct printing via USB interface with compatible cameras (DPP-EX50).
- PC printing via USB interface.



SUPPLIED ACCESSORIES

- Video cable (DPP-EX50 only)
- Cleaning kit
- Paper tray
- CD ROM USB Driver
- AC Adaptor
- Stylus (DPP-EX7 only)



Cyber-shot®

DSC-F88

Digital Camera

5.1

MEGAPIXELS

3x

OPTICAL ZOOM

InfoLithium®

RECHARGEABLE BATTERY

Great performance with a twist: compact, rotating zoom lens.

Rotating lens lets you face the LCD to your subject – get that perfect shot of your friends with you in the picture!

5.1 Megapixel Super HAD™ CCD with exclusive Sony technology for superb resolution, sensitivity and clarity.

Carl Zeiss® Vario-Tessar® 3x optical zoom lens combines exceptional picture quality with unique internal design so it never extends from the camera body.

Sony's own Real Imaging Processor for fast startup, fast shot-to-shot times and extended battery stamina.

Works with the optional Cyber-shot Station CSS-FEB cradle for instant connection to your computer and power.

PRODUCT FEATURES

- 3x optical/2x digital/6x total zoom brings even far-away subjects up close.
- 14-bit Digital Extended Processor (DXP) for extended dynamic contrast and detail.
- Unique Magnifying Glass Mode can focus to within 0.4" (1cm), displaying images at 2.4x actual size for spectacular macro shots.
- Multi-Pattern Metering is not thrown off by a single bright highlight or deep shadow for great exposure, automatically.
- Live Histogram Display makes it easier than ever to analyze your shots for correct exposure.
- Optional VCL-07FEB wide conversion lens helps include your friends in self-portraits – even when holding the camera at arm's length!
- Designed for use with rechargeable InfoLithium® battery (included) for long-lasting power without "memory effect;" enables time-remaining display.



SUPPLIED ACCESSORIES

- NP-FR1 Rechargeable InfoLithium® battery
- AC-LS5 AC adaptor/ in-camera charger
- A/V and USB cables
- Wrist strap
- MSA-32A Memory Stick® media (32 MB)*
- Software CD-ROM



*Actual available memory is 30 MB.

Cyber-shot®

DSC-V1

Digital Camera

5.0
MEGAPIXELS

4x
OPTICAL ZOOM

InfoLithium®
RECHARGEABLE BATTERY

The palm-sized camera for photo enthusiasts.

5.0 Megapixel Super HAD™ CCD with exclusive Sony technology for superb resolution, sensitivity and clarity.

Carl Zeiss® Vario-Sonnar® 4x optical zoom lens combines exceptional quality with extraordinary zoom range, speed and compactness.

Flexible exposure modes: Aperture Priority, Shutter Priority, Program Shift and full manual.

NightShot® infrared system and NightFraming make it possible to take the low- or no-light pictures that other cameras can't.

Many of Sony's most advanced picture-taking functions in a remarkably small, compact camera!

PRODUCT FEATURES

- Flexible Aperture Priority, Shutter Priority and Manual Exposure Modes with 46-step shutter speed and 13-step aperture control.
- 5 Area Multi-Point Auto Focus with selectable AF points, 13-step manual and Spot Focus option.
- Hologram AF™ Assist projects a harmless laser pattern for fast, accurate focusing in no- or low-light conditions.
- Hot Shoe and ACC terminal let you connect external flash, remote controls and sync with studio lighting.
- 0-4x Smart Zoom™ feature (16x total at VGA size) magnifies by cropping – eliminating the interpolation of digital zoom.
- MPEG Movie VX Mode with audio captures smooth moving pictures at up to 16 frames per second.
- Compatible with optional VCL-DEH07V wide and VCL-DEH17V tele conversion lenses.
- Designed for use with rechargeable InfoLithium® battery (included) for long-lasting power without "memory effect;" enables time-remaining display.



SUPPLIED ACCESSORIES

- NP-FC11 Rechargeable InfoLithium® battery
- AC-LS5 AC adaptor/ in-camera charger
- A/V and USB cables
- Wrist strap
- MSA-32A Memory Stick® media (32 MB)*
- Software CD-ROM



*Actual available memory is 30 MB.

Cyber-shot®

DSC-F717

Digital Camera

5.0
MEGAPIXELS

5x
OPTICAL ZOOM

InfoLithium®
RECHARGEABLE BATTERY

Photography at an altogether higher level.

Fast, sharp, high-contrast Carl Zeiss® Vario-Sonnar® lens with 13 elements in 10 groups (2 aspheric elements).

5.0 Megapixel Super HAD™ CCD with oversized 2/3" sensor area for outstanding sensitivity and low picture "noise".

NightShot® infrared system and NightFraming make it possible to take the low- or no-light pictures that other cameras can't.

Electronic eye-level viewfinder and 1.8" LCD monitor for accurate, through-the-lens framing and menu display.

Pivoting lens shoots from waist level and over your head. Pivot the lens toward the subject, the LCD toward you.

PRODUCT FEATURES

- Flexible Aperture Priority, Shutter Priority and Manual Exposure Modes with 46-step shutter speed and 13-step aperture control.
- 5 Area Multi-Point Auto Focus with selectable AF points and continuously variable manual focus.
- Hot Shoe and ACC terminal let you connect external flash, remote controls and synch with studio lighting.
- 5x optical/2x digital/10x total zoom brings even far-away subjects up close.
- Manual focus/zoom ring for fast, intuitive, precise control.
- Hologram AF™ Assist projects a harmless laser pattern on your subject for fast, accurate focus in low light.
- 14-bit Digital Extended Processor (DXP) for extended dynamic contrast and detail.
- Designed for use with rechargeable InfoLithium® battery (included) for long-lasting power without "memory effect;" enables time-remaining display.



SUPPLIED ACCESSORIES

- NP-FM50 Rechargeable InfoLithium® battery
- AC-L10 AC adaptor/in-camera charger
- A/V and USB cables
- Lens cap with strap
- Shoulder strap
- MSA-32A Memory Stick® media (32 MB)*
- Software CD-ROM



*Actual available memory is 30 MB.

Cyber-shot®

DSC-F828

Digital Camera

8.0
MEGAPixels

7x
OPTICAL ZOOM

InfoLithium®
RECHARGEABLE BATTERY

The standard against which all others will be compared.

The first camera ever with Sony's 8.0 Megapixel Super HAD™ CCD, plus Sony's 4-color RGB+E system.

Real Imaging Processor converts RGB+E data into ideal RGB; achieves fast startup, extended battery stamina.

Fast, sharp, high-contrast Carl Zeiss® Vario-Sonnar® T* lens with 12 elements in 9 groups (3 aspheric elements).

SLR-like control, with direct-access Focus and Zoom rings, top-mounted Mode dial, and high-res eye-level viewfinder.

Pivoting lens shoots from waist level and over your head. Pivot the lens toward the subject, the LCD toward you.

PRODUCT FEATURES

- 7x optical/2x digital/5x Smart Zoom™ (at VGA size), up to 35x total zoom brings even far-away subjects up close.
- 4-color system goes beyond RGB to RGB+E (Emerald) for more natural color, closer to human perception.
- Flexible exposure modes: Aperture Priority, Shutter Priority, Program Shift, EV compensation and full manual.
- Eye level and 1.8" LCD Viewfinders for accurate framing, through-the-lens viewing and menu display.
- Manual focus and zoom rings for fast, intuitive, precise control.
- RAW mode and data converter software captures data directly from the CCD before any in-camera processing.
- Dual Media capability accepts Memory Stick® media, and CompactFlash® Type I/II media and Microdrive media.
- Designed for use with rechargeable InfoLithium® battery (included) for long-lasting power without "memory effect;" enables time-remaining display.



SUPPLIED ACCESSORIES

- NP-FM50 Rechargeable InfoLithium® battery
- AC-L15 AC adaptor/in-camera charger
- A/V and USB cables
- Lens cap with strap
- Shoulder strap
- Software CD-ROM



FD Mavica®

MVC-FD200

Digital Camera

2.0
MEGAPIXELS

3x
OPTICAL ZOOM

InfoLithium®
RECHARGEABLE BATTERY

Digital pictures as Easy as a floppy.

2.0 Megapixel Super HAD™ CCD with exclusive Sony technology for superb resolution, sensitivity and clarity.

3x optical/2x digital/6x total zoom brings even far-away subjects up close.

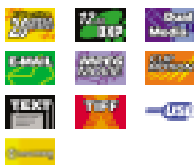
Dual media: shoots onto inexpensive floppy disks or compact, portable, rugged Memory Stick® media.

Distribute pictures to friends on the spot: copy them from Memory Stick® media onto floppies!

2.5" LCD monitor with 123K pixels makes it easy to frame shots and review pictures.

PRODUCT FEATURES

- 12-bit Digital EXTENDED Processor (DXP) for extended dynamic contrast and detail.
- Intelligent flash with Red-Eye reduction provides the right amount of light for optimum brightness and color.
- MPEG Move Mode (no audio) captures video clips at 8.3 frames per second.
- Clip Motion animation plays back still images in half-second intervals.
- 5-Mode Program AE for Twilight, Twilight +, Landscape, Pan Focus and Spot Meter.
- UXGA, XGA and VGA capture let you match the image resolution to your needs.
- Designed for use with rechargeable InfoLithium® battery (included) for long-lasting power without "memory effect;" enables time-remaining display.



SUPPLIED ACCESSORIES

- NP-F330 Rechargeable InfoLithium® battery
- AC-L10 AC adaptor/in-camera charger
- AC cable
- Video cable
- USB Cable
- Software CD-ROM



CD Mavica®

MVC-CD350 MVC-CD500

Digital Camera

3.2/5.0
MEGAPIXELS

3x
OPTICAL ZOOM

InfoLithium®
RECHARGEABLE BATTERY

Shoot and save forever onto affordable CDs!

Fast, sharp, high-contrast Carl Zeiss® Vario-Sonnar® lens with 7 elements (2 aspheric) in 8 groups (MVC-CD500 only).

3.2 Megapixel (MVC-CD350) or 5.0 Megapixel (MVC-CD500) Super HAD™ CCD with exclusive Sony technology for superb resolution, sensitivity and clarity.

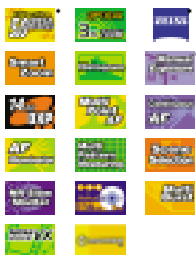
Records onto affordable 3-inch CD-R/RW media compatible with most PCs; shoot and store on the same media!

Contoured, ergonomic hand grip and curved body for easy handling, stable shooting.

Flexible exposure modes: Aperture Priority, Shutter Priority, Program Shift and full manual (MVC-CD500 only).

PRODUCT FEATURES

- 156 MB storage capacity on each disc: room for hundreds of images and movie clips.
- 3x optical/4x digital/12x total zoom for MVC-CD500; 3x optical/3.2x digital/9.6x total for MVC-CD350.
- Extra-large, high-resolution 2.5" LCD monitor makes framing and reviewing pictures easy.
- Live Histogram Display makes it easier than ever to analyze your shots for correct exposure (MVC-CD500 only).
- 14-bit Digital EXtended Processor (DXP) for extended dynamic contrast and detail.
- Designed for use with rechargeable InfoLithium® battery (included) for long-lasting power without "memory effect;" enables time-remaining display.
- MPEG Movie VX Mode captures smooth motion at up to 16 frames per second.



SUPPLIED ACCESSORIES

- NP-FM50 Rechargeable InfoLithium® battery
- AC-L15 AC adaptor/in-camera charger
- A/V and USB cables
- Shoulder strap
- Lens cap with strap
- MCR-156A CD-R media
- MCRW-156A CD-RW media
- Software CD-ROM



*MVC-CD500 only.

Key Features



Carl Zeiss® lenses are prized by professional photographers for their superior sharpness, excellent contrast and color accuracy.



Real Imaging Processor, the brain inside selected Sony cameras, achieves fast startup, fast shot-to-shot times, longer battery stamina and reduced picture “noise.”



NightShot® infrared system actually takes pictures in total darkness! Illuminating your subject with infrared light and removes the CCD's IR cut filter.



NightFraming helps you take pictures in low or no light. Illuminates the subject with the NightShot® system for proper framing, focuses with Hologram AF function, then lights the scene with flash.



MPEG Movie VX Mode with Audio captures VGA (640x480) high frame rate video clips with audio at 16 frames per second with the length limited only by the capacity of the media.



3 or 5 Area Multi-Point Auto Focus evaluates multiple points in the frame to identify and focus on the subject, not the background.



AF (Auto Focus) Illuminator puts a quick light on your subject in low-or no-light conditions, for accurate focus.



Hologram AF™ Assist projects a harmless laser pattern on your subject for fast, accurate focus in low light conditions.



Continuous Auto Focus keeps focusing until the moment of exposure, perfect for fast-moving children and sports.



Multi-Pattern Metering evaluates 49 separate points in the frame for optimum exposure, even when highlight and shadow aren't centered in the frame.



Multi-Burst Mode captures 16 320x240 frames as part of a single 1280x960 image which plays back sequentially in the camera. Convenient for motion analysis.



Live Histogram Display shows the number of pixels at each luminosity making it easy to evaluate correct exposure during capture and playback.



Slow Shutter Noise Reduction reduces the flecks and specks of image “noise” that are common during long exposures. Actually captures and subtracts the CCD noise pattern from your picture.



14-Bit Digital EXtended Processor (DXP) captures the range between highlight and shadow with up to 16,384 values, for extended dynamic contrast and detail.



Optical Zoom Lens brings distant subjects closer, or pull back for wide shots of the whole scene.



Smart Zoom™ feature intelligently uses the full CCD at lower resolution settings to let you zoom into the portion of interest by cropping the image size – thus avoiding the image degradation of Digital Zooms.

Camera	DSC-U40/U50	DSC-U60	DSC-P41	DSC-P72	DSC-P73	DSC-P93	DSC-P100	DSC-P105
Lens & Imager								
Super HAD CCD	1/2.7"	1/2.7"	1/2.7"	1/2.7"	1/2.7"	1/1.8"	1/1.8"	1/1.8"
Megapixel	2 MP	2 MP	4.1 MP	3.2 MP	4.1 MP	5.1 MP	5.1 MP	5.1 MP
Lens/Optical Zoom	Sony, Fixed	Sony, Fixed	Sony, Fixed	Sony, 3X	Sony, 3X	Sony, 3X	Carl Zeiss, 3X	Carl Zeiss, 3X
Aperture	f2.8	f2.8	f2.8	f2.8-5.6	f2.8-5.2	f2.8-5.2	f2.8-5.2	f2.8-5.2
Focal Length	5 mm	5 mm	5 mm	6-18 mm	6-18 mm	7.9-23.7 mm	7.9-23.7 mm	7.9-23.7 mm
35mm Equivalency	33 mm	33 mm	33 mm	39-117 mm	39-117 mm	38-114 mm	38-114 mm	38-114 mm
Smart Zoom	N/A	N/A	1.1-3.6X (VGA)	3.1-9.6X (VGA)	3.1-10X (VGA)	3.1-12X (VGA)	3.1-12X (VGA)	3.1-12X (VGA)
Precision Digital Zoom	N/A	N/A	3X	N/A	2X (6X Ttl)	2X (6X Ttl)	2X (6X Ttl)	2X (6X Ttl)
Multi-Point AF	Center AF	Center AF	Auto, 5 Area	Auto, 3 Area	Auto, 5 Area	Auto, 5 Area	Auto, 5 Area	Auto, 5 Area
AF Illuminator Light	N/A	N/A	Yes	Yes	Yes	Yes	Yes	Yes
Manual Focus	Yes, 4-step	Yes, 4-step	Yes, 5-step	Yes, 5-step	Yes, 5-step	Yes, 5-step	Yes, 5-step	Yes, 5-step
NightShot System/ NightFraming	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Camera								
White Balance	5 Preset	6 Preset	5 Preset	5 Preset	5 Preset	5 Preset	5 Preset	5 Preset
Aperture Range	Auto	Auto	Auto f2.8-5.6	Auto f2.8-5.6	2-step f2.8-5.6	2-step f2.8-5.6	2-step f2.8-5.6	2-step f2.8-5.6
Shutter Speed Range	Auto 1/8-1/2000	Auto 1/8-1/2000	Auto 1-1/1000	Auto 2-1/2000	46-step 30-1/1000	46-step 30-1/1000	46-step 30-1/1000	46-step 30-1/1000
Manual Exposure	N/A	N/A	N/A	N/A	Adj Shutter/Ap	Adj Shutter/Ap	Adj Shutter/Ap	Adj Shutter/Ap
Scene Modes	5 Mode	6 Mode	6 Mode	4 Mode	6 Mode	6 Mode	6 Mode	6 Mode
Flash Range	1.7-5.9 ft (.5-1.8m)	1.7-5.9 ft (.5-1.8m)	0.5-11.5 ft (.2-3.5m)	1.3-12.5 ft (.4-3.8m)	0.5-11.5 ft (.2-3.5m)	0.5-11.5 ft (.2-3.5m)	0.5-11.5 ft (.2-3.5m)	0.5-11.5 ft (.2-3.5m)
LCD/Viewfinder								
LCD	1" 64K Pixel, Reflect	1" 64K Pixel	1.5" 67K Pixel	1.5" 123K Pixel	1.5" 67K Pixel	1.5" 134K Pixel	1.8" 134K Pixel	2.5" 123K Pixel
Eye level Viewfinder	N/A	N/A	Optical	Optical, True Zoom	Optical, True Zoom	Optical, True Zoom	Optical, True Zoom	Optical, True Zoom
Histogram Display	N/A	N/A	N/A	N/A	Yes	Yes	Yes	Yes
Recording								
8MP Image	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
5MP Image	N/A	N/A	N/A	N/A	N/A	2592 x 1944	2592 x 1944	2592 x 1944
4MP Image	N/A	N/A	2304 x 1728	N/A	2304 x 1728	N/A	N/A	N/A
3MP Image	N/A	N/A	2048 x 1536	2048 x 1536	2048 x 1536	2048 x 1536	2048 x 1536	2048 x 1536
2MP Image	1632 x 1224	1632 x 1224	N/A	1632 x 1224	N/A	N/A	N/A	N/A
1MP Image	N/A	N/A	1280 x 960	1280 x 960	1280 x 960	1280 x 960	1280 x 960	1280 x 960
VGA Image	640 x 480	640 x 480	640 x 480	640 x 480	640 x 480	640 x 480	640 x 480	640 x 480
3:2 Image	N/A	N/A	2304 x 1536	2048 x 1360	2304 x 1536	2592 x 1728	2592 x 1728	2592 x 1728
Burst Mode frames/fps	5-shot VGA	2MP-2/VGA-10	4-shot, 1.1 fps	2-shot, 2 fps	4-shot, 1.1 fps	9-shot, 1.3fps	9-shot, 1.3fps	3-shot, 1.3fps
Auto Exposure Bracketing	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Picture Effects	4 Mode	4 Mode	2 Mode	4 Mode	Sepia, B&W	Sepia, B&W	Sepia, B&W	Sepia, B&W
MPEG Movie Modes	Video Mail	Video Mail	VX Fin/Std, VM	VX Std/VM	VX Fin/Std, VM	VX Fin/Std, VM	VX Fin/Std, VM	VX Fin/Std, VM
Multi-Burst Mode	N/A	N/A	Yes	Yes	Yes	Yes	Yes	Yes
Playback								
Playback Zoom	Yes, 2.5X, 5X	Yes, 2.5X, 5X	Yes, 1.1-5X	Yes, 1.1-5X	Yes, 1.1-5X	Yes, 1.1-5X	Yes, 1.1-5X	Yes, 1.1-5X
Trimming/Resizing	N/A	N/A	No/Yes	Yes/Yes	No/Yes	No/Yes	Yes/Yes	Yes/Yes
MPEG Cue/Rev/Divide	N/A	N/A	Yes	Yes	Yes	Yes	Yes	Yes
PictBridge Compatibility	Yes	N/A	Yes	N/A	Yes	Yes	Yes	Yes
General								
Connections	USB	USB	USB/DC Power	AV/USB/Pwr	AV/USB/Pwr	AV/USB/Pwr	Multi-Cnt/Pwr	AV/USB/Pwr
Battery Requirement	2AAA NiMH	2AAA NiMH	2AA Alkaline, NiMH	2AA Alkaline, NiMH	2AA Alkaline, NiMH	2AA Alkaline, NiMH	InfoLithium® FR	2AA Alkaline, NiMH

DSC-W1	DSC-T1	DSC-F88	DSC-V1	DSC-F717	DSC-F828	MVC-FD200	MVC-CD350	MVC-CD500
3"	1/2.4"	1/2.4"	1/1.8"	2/3"	2/3"	1/2.7"	1/2.7"	1/1.8"
MP	5.1 MP	5.1 MP	5.0 MP	5.0 MP	8.0 MP	2.0 MP	3.2 MP	5.0 MP
Carl Zeiss, 3X	Carl Zeiss, 3X	Carl Zeiss, 3X	Carl Zeiss, 4X	Carl Zeiss, 5X	Carl Zeiss, 7X	Sony, 3X	Sony, 3X	Carl Zeiss, 3X
f3.5-4.4	f3.5-4.4	f3.5-4.2	f2.8-4.0	f2-2.4	f2-2.8	f3.8-3.9	f.8-3.9	f2-2.5
6.7-20.1 mm	6.7-20.1 mm	6.7-20.1 mm	7-28 mm	9.7-48.5 mm	7.1-55 mm	6.4-19.2 mm	6.4-19.2 mm	7-21 mm
38-114 mm	38-114 mm	38-114 mm	34-136 mm	38-190 mm	28-200 mm	41-123 mm	41-123 mm	34-102 mm
2X	3.1-12X (VGA)	3.1-12X (VGA)	4.1-16X (VGA)	N/A	5.1-35X (VGA)	N/A	3.1-9.6X (VGA)	4.1-16X (VGA)
2X (6X Ttl)	2X (6X Ttl)	2X (6X Ttl)	N/A	2X (10X Ttl)	2X (14X Ttl)	2X (6X Ttl)	N/A	N/A
5 Area	Auto, 5 Area	Auto, 5 Area	Auto/Manual, 5 Area	Auto/Manual, 5 Area	Auto/Manual, 5 Area	Center AF	Auto, 3 Area	Auto/Manual, 5 Area
	Yes	Yes	Hologram AF	Hologram AF	Hologram AF	N/A	Yes	Hologram AF
5-step	Yes, 5-step	Yes, 5-step	Yes, 13-step	Yes, Continuous Ring	Yes, Continuous Ring	Yes, 5-step	Yes, 5-step	Yes, 13-step
	N/A	N/A	Yes/Yes	Yes/Yes	Yes/Yes	N/A	N/A	N/A
Preset	6 Preset	5 Preset	6 Preset, Manual	5 Preset, Manual	6 Preset, Manual	4 Preset	6 Preset	6 Preset, Manual
Ap f3.5-5.6	Auto f3.5-5.6	3-step f3.5-9.0	10-step f2.8-8.0	13-step f2.0-8.0	13-step f2.0-8.0	Auto	Auto f2.8-5.6	13-step f2.0-8.0
Shutter/1000	Auto 1-1/1000	45-step 30-1/500	46-step 30-1/1000	46-step 30-1/1000	46-step 30-1/2000	Auto 2-1/800	Auto 1-1/1000	46-step 30-1/1000
Shutter/Ap	N/A	Adj Shutter/Ap	Ap/Sh Pr/ Manual	Ap/Sh Pr/ Manual	Yes, w/EV indicator	N/A	N/A	Ap/Sh Pr/ Manual
Mode	8 Mode	10 Mode	4 Mode	4 Mode	4 Mode	5 Mode	7 Mode	4 Mode
1.5 ft (.5m)	0.5-6.5 ft (.5-2m)	0.5-7.2 ft (.2-2.2m)	1.3-9.1 ft (.4-2.8m)	1.6-16.4 ft (.5-5m)	1.6-16.4 ft (.5-5m)	1.6-6.5 ft (.5-2m)	2.6-8.2 ft (.8-2.5m)	1.6-16.4 ft (.5-5m)
Pixel	12.5" 211K Pixel	1.8" 134K Pixel	1.5" 123K Pixel	1.8" 123K Pixel	1.8" 134K Pixel	2.5" 123K Pixel	2.5" 123K Pixel	2.5" 123K Pixel
al, True	N/A	Optical, True Zoom	Optical, True Zoom	180k LCD, TTL	235k LCD, TTL	N/A	N/A	N/A
	Yes	Yes	Yes	Yes	Yes	N/A	N/A	Yes
	N/A	N/A	N/A	N/A	3264 x 2448	N/A	N/A	N/A
2 x 1944	2593 x 1944	2592 x 1944	2592 x 1944	2560 x 1920	2592 x 1944	N/A	N/A	2592 x 1944
	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3 x 1536	2049 x 1536	2048 x 1536	2048 x 1536	2048x1536	2048x1536	N/A	2048 x 1536	2048 x 1536
	N/A	N/A	N/A	N/A	N/A	1600 x 1200	1632 x 1224	N/A
0 x 960	1280 x 960	1280 x 960	1280 x 960	1280 x 960	1280 x 960	N/A	1280 x 960	1280 x 960
x 480	640 x 480	640 x 480	640 x 480	640 x 480	640 x 480	640 x 480	640 x 480	640 x 480
2 x 1728	2593 x 1728	2592 x 1728	2592 x 1728	2560 x 1712	3264 x 2176	1600 x 1072	2048 x 1360	2592 x 1728
ot, 1.3fps	4-shot, 2.5fps	9-shot, 1.3fps	3-shot, 2fps	3-shot, 2fps	7-shot, 2.6 fps	N/A	2-shot, 2fps	3-shot, 2fps
	Yes	N/A	Yes	Yes	Yes	N/A	N/A	Yes
, B&W	3 Mode	Sepia, B&W	3 Mode	3 Mode	3 Mode	4 Mode	4 Mode	3 Mode
n/Std, VM	VX Fin/Std, VM	VX Std, VM	VX Std, VM	HQX, PM, VM	VX Fin/Std, VM	PM, VM w/o audio	VX Std/VM	VX Std, VM
	Yes	Yes	Yes	Yes	Yes	N/A	Yes	Yes
1.1-5X	Yes, 1.1-5X	Yes, 1.1-5X	Yes, 1.1-5X	Yes, 1.1-5X	Yes, 1.1-5X	Yes, 1.1-5X	Yes, 1.1-5X	Yes, 1.1-5X
Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes	Yes/Yes
	Yes	Yes	Yes	Yes	Yes	N/A	Yes/No	Yes/No
	Yes	Yes	N/A	N/A	Yes	N/A	N/A	N/A
USB/Pwr	Multi-Connector	Multi-Cnt/Pwr	AV/USB/Pwr	AV/USB/AC Power	AV/USB/AC Power	AV/USB/Pwr	AV/USB/Pwr	AV/USB/Pwr
Alkaline, 1	InfoLithium® FT	InfoLithium® FR	InfoLithium® C	InfoLithium® M	InfoLithium® M	InfoLithium® L	InfoLithium® M	InfoLithium® M

Media	Memory Stick® Media					Memory Stick PRO™ Media		
Representative Shot Storage*	8 MB	16 MB	32 MB	64 MB	128 MB	256 MB	512 MB	1 GB
JPEG								
3264 x 2448 (8 MP)	n/a	7	15	30	60	109	223	456
2560 x1920 (5 MP)	5	11	23	48	96	174	354	723
2304 x 1728 (4 MP)	7	14	30	60	121	216	440	898
2048 x 1536 (3 MP)	9	18	37	74	149	264	537	1097
1280 x 960 (1 MP)	23	46	93	187	376	649	1320	2694
640 x 480 (VGA)	121	243	491	985	1975	3571	7261	14821
JPEG Fine								
2560 x 1920 (8 MP)	n/a	4	8	16	32	59	121	247
2560 x 1920 (5 MP)	3	6	12	25	51	92	188	384
2304 x 1728 (4 MP)	4	8	16	32	65	119	242	494
2048 x 1536 (3 MP)	5	10	20	41	82	148	302	617
1280 x 960 (1 MP)	12	24	50	101	202	357	726	1482
640 x 480 (VGA)	48	97	196	394	790	1428	2904	5928
MPEG Movie Video Mail**	5:34	11:12	22:42	45:39	1:31:33	2:51:21	5:47:05	11:44:22
MPEG Movie EX**	1:26	2:54	5:52	11:48	23:39	42:47	1:27:01	n/a
MPEG Movie VX**	0:21	0:42	1:27	2:56	5:54	10:42	21:47	44:27
MPEG Movie VX Fine**	n/a	n/a	n/a	n/a	n/a	2:57	6:02	12:20

* Actual storage varies by camera.

** MPEG Movie Capacity in Hours:Minutes:Seconds. Actual storage varies by camera.

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*Available storage capacity of Memory Stick® and Memory Stick PRO™ media may vary. A portion of the memory is used for data management functions. Actual available memory in MBs is: 16=15, 32=30, 64=61, 128=123, 256=220, 512=460, 1GB=940 MB.