



**FEATURES**

**▶ 1/1.8" 5.1 Megapixel Super HAD™ CCD**



Super HAD (Hole Accumulation Diode) CCDs provide excellent image quality by allowing more light to pass to each pixel, increasing sensitivity and reducing noise.

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



3X Optical Zoom helps you frame your shots for better digital pictures. And Sony's Precision Digital Zoom provides an additional 2X magnification without the jagged edges of other designs, resulting in smoother images.

**▶ 0 – 12.0X Smart Zoom™ Feature (at VGA Resolution)**



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

**Real Imaging Processor**



The innovative Real Imaging Processor in the DSC-P93 not only improves picture quality and clarity but also improves camera response time, decreases shutter lag and improves battery stamina.

**▶ 1.5" LCD Monitor**

The 1.5" 123K LCD Monitor makes framing shots and reviewing pictures easy.

**Live Histogram Display**



Available in capture and playback the Live Histogram Displays the concentration of pixels at each luminosity value making it easy to evaluate correct exposure.

**14-Bit DXP A/D Conversion**



Sony's 14-bit Digital EXtended Processor captures the range between highlight and shadow with up to 16,384 values, for extended dynamic contrast and detail.

**5 Area Multi-Point Auto Focus**



By evaluating 5 separate focus areas of the frame, Sony's Multi-Point AF system can intelligently focus on the subject and avoid mistakenly focusing on the background.

**Manual Exposure Mode**



Manual Exposure Mode provides extended control with 46-step adjustable Shutter speed (30 – 1/1000 sec.), and 2-step Aperture control.

**AF (Auto Focus) Illuminator**



Briefly illuminating the subject, in low – or no – light conditions, the AF Illuminator helps establish a positive focus lock.

**Selectable Focus Mode**

Monitoring AF (Auto Focus) helps you anticipate the action by focusing even before you press the shutter release.

**Multi-Pattern Measuring**



Independently light-metering 49 points of the frame, Multi-Pattern Measuring establishes the optimum exposure, even when highlight and shadow isn't centered in the frame.

**Scene Selection Mode**



With 6 Scene Modes, parameters can be matched to the shooting conditions. Choose from one of the following: Twilight, Twilight Portrait, Landscape, Soft Snap, Candle, or Beach.

**Pre-Flash Metering**

With a momentary pre-flash, the camera illuminates the subject and sets exposure through the lens for accurate flash metering. Adjustable flash level and red-eye reduction ensure great flash shots.

**Slow Shutter Noise Reduction**



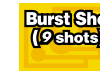
During long exposures, Slow Shutter NR captures the scene, and then the CCD noise pattern with a dark frame exposure. By subtracting the two, even long exposures can be clear.

**Memory Stick® Media and Memory Stick PRO™ Media**



Digital. Powerful. Transportable.™ Memory Stick® media is compact, portable and rugged – connecting a variety of hardware and software applications.

**▶ 9 Shot Burst Mode**



Capture up to 9 shots (fine) or 16 shots (standard) at 1.6 frame/sec. even at 5 MP resolution. Perfect for high speed subjects or fast moving action such as sports.

**Multi-Burst Mode**



Captures 16 320 x 240 frames as part of a single 1280 x 960 image which plays back sequentially in the camera. Selectable 1/7.5, 1/15, 1/30 second.

**MPEG Movie VX Standard/Fine Mode with Audio**



Captures VGA (640 x 480) high frame rate (up to 30 frames per second) audio/video clips with length limited only by the capacity of the media. Video mail mode captures smaller file sizes suitable for email.

**Conversion Lens Compatible**



With VAD-PEB adaptor, you can add tele- or wide- conversion lenses for greater magnification or wider field of view, as well as protective and special effect filters.

**PictBridge™ Compatibility**



Connect to any PictBridge™ compatible printer with the supplied USB cable and print directly from the camera. Images can be viewed and selected for printing right on the camera's LCD, with menus for print quantity, date and index print.

**Audio/Video Output**



Display images or MPEG movies with audio on a TV (with A/V input) for everyone to enjoy.

**Rechargeable AA NiMH Batteries**



The high capacity 2100 mAh AA NiMH batteries provide reliable, long-lasting power for continuous shooting. The supplied BC-CS2 charger provides a convenient way to charge the batteries.

**▶ STEP-UP FEATURE**

# DSC-P93

## Cyber-shot® Digital Still Camera

### ADDITIONAL FEATURES

3:2 Aspect Ratio Mode  
Adjustable Color/Saturation/Hue  
Auto Daylight Sychro Fill Flash

Clear Color/Clear Luminance NR  
MPEG1 Cue, Review and Divide  
Supports High Speed USB 2.0

### SPECIFICATIONS

**Imaging Device:** 1/1.8" 5.1 Megapixel Super HAD™ CCD  
**Recording Media:** Memory Stick® Media, Memory Stick PRO™ Media  
**Lens Construction:** 5 Elements in 7 Groups, 2 Aspheric Elements  
**Zoom:** 3X Optical  
**Smart Zoom™ Feature:** 0 – 4.0X (at VGA Resolution), 12X Total  
**Digital Zoom:** Precision, 0 – 2.0X Range, 6X Total  
**Filter Diameter:** 30mm, by required VAD-PEB adaptor  
**Focal Length:** 7.9 – 23.7mm  
**35mm Equivalent:** 38 – 114mm  
**Aperture Range:** f2.8 – f5.6 (W); f5.2 – f10 (T)  
**Auto Focus:** 5 Area Multi-Point AF, Center AF, 5-Step Manual  
**Minimum Focus Distance:** 19.7" (50cm)  
**Macro Mode:** 3.9" (10cm)  
**Shutter Speed:** 1/8 – 1/1000 sec. (auto)  
2 – 1/1000 sec. (twilight)  
30 – 1/1000 sec. (manual)  
**Exposure Compensation:** +/- 2.0 EV, 1/3 EV steps  
**Color LCD:** 1.5" 123K Pixel LCD Screen  
**Flash Modes:** Auto/Forced On/Forced Off/Slow Synchro  
**Red-Eye Reduction:** On/Off  
**Flash Effective Range:** 1.6 – 12.5 ft. (0.5 – 3.8m)  
**White Balance:** Auto, Daylight, Cloudy, Fluorescent, Incandescent  
**Burst Mode:** 9 Shot (JPEG fine), 16 Shot (JPEG std.), 1.6fps  
**Picture Effects:** Sepia, Black & White  
**ISO:** Auto, 100, 200, 400

**Scene Modes:** Twilight, Twilight Portrait, Landscape, Soft Snap, Candle, Beach  
**Self-Timer:** Yes, 10 Seconds

**Audio/Video Output:** Yes, NTSC/PAL Selectable

**Still Image Modes:** Normal (JPEG Fine/Standard), Burst, Multi-Burst

**MPEG Movie Modes:** MPEG VX Fine with Audio (640 x 480 at 30fps),  
(MPEG VX Fine requires Memory Stick PRO media)  
MPEG VX Standard with Audio (640 x 480 at 16fps),  
Video Mail (160 x 112 at 8fps) with Audio

**Microphone/Speaker:** Yes/Yes

**USB Terminal:** Yes, Supports USB 2.0

**Memory Stick PRO™ Media Compatibility:** Tested to support up to 1GB media capacity; does not support Access Control security function

**Compatible Battery:** "AA" NiMH, Alkaline

**Supplied Software:** Picture Package™ for Sony v1.0 (Windows), Pixela™ ImageMixer VCD2 (Macintosh), SPVD-012.1 USB Driver, Cyber-shot Life tutorial (Windows)

**OS Compatibility:** Microsoft® Windows® 98/98SE/Me/ 2000/XP Home/XP Pro  
Macintosh® OS 9.1/9.2/X (10.0, 10.1, 10.2, 10.3)

**Supplied Accessories:** NH-AA-DA Rechargeable AA Batteries, BC-CS2 Battery Charger, A/V and USB Cables, Wrist Strap, MSA-32A 32MB Memory Stick® Media, Software CD-ROM

**Dimensions:** 4 5/8" x 2 1/8" x 1 3/8" (117 x 54 x 36mm)

**Weight:** 6.4 oz (175g) Body; 8.6 oz. (236g) Body w/Batteries, Media, Wrist Strap



### JPEG STILL IMAGE MODE

Fine/Standard Picture Quality

| Memory Stick® Media¹     | 2592x1944 (5.1 MP) | 2592x1728 (3:2) | 2048x1536 (3 MP) | 1280x960 (1 MP) | 640x480 (VGA) |             |
|--------------------------|--------------------|-----------------|------------------|-----------------|---------------|-------------|
| 16MB                     | 6/11               | 6/11            | 10/18            | 24/46           | 97/243        |             |
| 32MB                     | 12/23              | 12/23           | 20/37            | 50/93           | 196/491       |             |
| 64MB                     | 25/48              | 25/48           | 41/74            | 101/187         | 394/895       |             |
| 128MB                    | 51/96              | 51/96           | 82/149           | 202/376         | 790/1,975     |             |
| Memory Stick PRO™ Media¹ | 256MB              | 92/194          | 92/194           | 148/264         | 357/649       | 1,428/3,571 |
| 512MB                    | 188/354            | 188/354         | 302/537          | 726/1,320       | 2,904/7,261   |             |
| 1GB                      | 384/723            | 384/723         | 617/1,097        | 1,482/2,694     | 5,928/14,821  |             |



### MPEG MOVIE MODE

Maximum Storage Time

| Memory Stick® Media     | MPEG VX (640x480) Fine | MPEG VX (640x480) Standard | Video Mail (160x112) |            |
|-------------------------|------------------------|----------------------------|----------------------|------------|
| 16MB                    | –                      | 42s                        | 11m 36s              |            |
| 32MB                    | –                      | 1m 27s                     | 23m 30s              |            |
| 64MB                    | –                      | 2m 54s                     | 47m 15s              |            |
| 128MB                   | –                      | 5m 54s                     | 1h 34m 45s           |            |
| Memory Stick PRO™ Media | 256MB                  | 2m 57s                     | 10m 42s              | 2h 51m 21s |
| 512MB                   | 6m 2s                  | 21m 47s                    | 5h 48m 28s           |            |
| 1GB                     | 12m 20s                | 44m 27                     | 11h 51m 21s          |            |

### OPTIONAL ACCESSORIES

ACC-CN3P/ACC-CN3M Starter Kit  
NH-AA-2DA Rechargeable NiMH Batteries (2pk)  
VAD-PEB Conversion Lens Adaptor Mount  
VCL-DH0730 Wide Angle Conversion Lens\*  
VCL-DH2630 Super Telephoto Conversion Lens\*  
VCL-DH1730 Telephoto Conversion Lens\*  
VF-30CPKS Polarizing Kit Filter\*  
HVL-FSL1B External Slave Flash w/ Bracket  
MPK-PEA Marine Pack  
LCM-PEA "Just Fit" Carrying Case  
LCS-CSD General Carrying Case

LCH-MA Memory Stick® Media Carrying Case  
MSA-32A, MSA-64A, MSA-128A Memory Stick® Media  
MSA-128S2 Memory Stick® Media with Select Function (256MB total)  
MSA-256, MSX-512, MSX-1G Memory Stick PRO™ Media  
MSAC-US30 Memory Stick PRO™ Media USB Adaptor  
\* VAD-PEB Conversion Lens Adaptor Mount Required



CAMERA WITH OPTIONAL ACCESSORIES

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¹ 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=940MB

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