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-Point Measuring
Independently light-metering 49 points of the frame, Multi-Point 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.
DSC-P93
Cyber-shot® Digital Still Camera

**ADDITIONAL FEATURES**
- 3:2 Aspect Ratio Mode
- Clear Color/Clear Luminance NR
- Adjustable Color/Saturation/Hue
- MPEG1 Cue, Review and Divide
- Auto Daylight Syncro Fill Flash
- 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:** f/3.5 – f/5.6 (W); f/5.2 – f/10 (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 Off/ Forced On/ 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 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
**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 9.1/9.2/10.1 (10.0, 10.1, 10.2, 10.3)
**Dimensions:** 4 ¾” x 2 ¾” x 1 ¾” (117 x 54 x 36mm)
**Weight:** 6.4 oz (175g) Body; 8.6 oz (236g) Body w/Batteries, Media, Wrist Strap

**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*
- V-LD2630 Super Telephoto Conversion Lens*
- VCL-DH1730 Telephoto Conversion Lens*
- VF-30CP KS Polarizing Kit Filter*
- VAD-PEB Conversion Lens Adaptor Mount
- NH-AA-2DA Rechargeable NiMH Batteries (2pk)
- ACC-CN3P/ACC-CN3M Starter Kit
- MSA-256, MSX-512, MSX-1G Memory Stick® Media
- MSA-256, MSX-512, MSX-1G Memory Stick® Media
- MSAC-US30 Memory Stick PRO™ Media USB Adapter
- LCH-MA Memory Stick® Media Carrying Case
- MSA-32A, MSA-64A, MSA-128A Memory Stick® Media
- MSA-128SB 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 Adapter

**CAMERA WITH OPTIONAL ACCESSORIES**

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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=229, 512=460, 1GB=940MB