SONY

DSC-V3
Cyber-shot® Digital Still Camera

FEATURES

▶1/1.8" 7.2 Megapixel Super HAD™ CCD

Effective 7.2 MEGA PIXELS Super HAD (Hole Accumulation Diode) CCDs provide excellent image quality by allowing more light to pass to each pixel, increasing sensitivity and reducing noise.

4X Optical/2X Digital/8X Total Zoom

OPTICAL 4x ZOOM Optical zoom helps you fill the frame with your subject for better pictures. And Sony's Precision Digital Zoom helps bring your subject closer with an extra 2X magnification

0 –19.0X Smart Zoom® Feature (at VGA Resolution)

Smart Zoom 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.

Carl Zeiss® Vario-Sonnar® Lens

ZEISS Famous for sharpness & color accuracy, the Vario-Sonnar 4X Optical zoom lens features 8 elements in 7 groups with aspheric elements.

Real Imaging Processor™ Technology

Real Imaging Processor The innovative Real Imaging Processor in the DSC-V3 not only improves picture quality and clarity but also improves camera response time, decreases shutter lag and improves battery stamina.

Live Histogram Display

Histogram 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

14 bit DXP Sony's 14-bit **D**igital E**X**tended **P**rocessor captures the range between highlight and shadow with up to 16,384 values, for extended dynamic contrast and detail.

▶ STEP-UP FEATURE

2.5" LCD Monitor

2.5" LCD monitor The extra-large high-resolution 123K LCD Monitor makes framing shots and reviewing pictures easy.

5 Area Multi-Point Auto Focus

Multi Point AF 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 M F Manual Exposure Mode provides extended control with 46-step adjustable Shutter speed (30 – 1/1000 sec.), and Aperture control (F2.8 - F8.0).

Hologram AF™ Illuminator

Hologram AF Projecting a Class 1 laser pattern Hologram AF illuminator reads the contrast between the pattern's edge and the subject for precise focuses, even in low or no light situations.

Multi-Pattern Measuring

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

Scene Selection With 7 Scene Modes, parameters can be matched to the shooting conditions. Choose from one of the following; Beach, Candle, Landscape, Portrait, Snow, Twilight, Twilight Portrait

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

NR Slow Shutter 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

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

Dual Media

Dual CF Media The DSC-V3 is capable of using not only Memory Stick® media and Memory Stick PRO™ media when capturing images, but also optional CompactFlash® Type I media. This offers added flexibility and storage options when taking pictures.

Raw Mode

RAW Capture raw data directly from the CCD before any in-camera processing, while a separate JPEG is stored for viewing convenience. Sony's RAW converter software provides extensive control of gamma, white balance, color and sharpness for fine tuning the image

8 Shot Burst Mode

Burst Shot (8 shots) Capture up to 8 shots at full resolution at 2 frames/sec. Perfect for high speed subjects or fast moving action such as sports

MPEG Movie VX Standard/Fine Mode with Audio

MPEG MOVIE VX Fine 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

Conversion Lens Compatible With VAD-VHA 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.

Rechargeable InfoLithium® Battery

InfoLITHIUM Provides reliable, long-lasting power for continuous shooting, without "Memory Effect". The supplied AC-LS5 adapter/charger provides stable power for USB Transfer.

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ADDITIONAL FEATURES

3:2 Aspect Ratio Mode
Adjustable Color Saturation/Contrast
Audio/Video Output
Clear Color/Clear Luminance NR

MPEG1 Cue, Review and Divide
Selectable Focus Mode
PictBridge™ Compatibility
Supports High Speed USB 2.0 [2]

SPECIFICATIONS

Imaging Device: 1/1.8" 7.2 (effective) Megapixel Super HAD™ CCD
Recording Media: Memory Stick® Media, Memory Stick PRO™ Media, CompactFlash Type I
Lens Construction: 8 Elements in 7 Groups, 2 Aspheric Elements
Zoom: 4X Optical
Smart Zoom® Feature: 0 – 19.0X (at VGA Resolution)
Digital Zoom: Precision, 0 – 2.0X range, 8X total
Filter Diameter: 58mm, by required VAD-VHA adaptor
Focal Length: 7.0 – 28mm
35mm Equivalent: 34 – 136mm
Aperture: f2.8/f5.6 (W), f5.4/f10 (T)
Auto Focus: 5 Area Multi-Point AF, Center AF, 14-Step Manual
Minimum Focus Distance: 19.7" (50cm)
Macro Mode: 3 7/8" (10cm)
Shutter Speed: 1/8 – 1/2000 sec. (Auto)
1 – 1/2000 sec. (Program Auto)
30 – 1/1000 sec. (Manual)
Aperture Range: f2.8 - f8.0. 13-Step
Exposure Compensation: +/- 2.0 EV, 1/3 EV Steps
Color LCD: 2.5" 123K Pixel TFT LCD Screen
Flash Modes: Auto/Forced On/Forced Off/Slow Synchro
Red-Eye Reduction: On/Off

Flash Effective Range: 1' 3 3/4" – 8' 2". (0.4 - 2.5m)
White Balance: Auto, Daylight, Cloudy, Fluorescent, Incandescent, Flash, Manual
Burst Mode: 8 Shot (7MP JPEG Fine) 2 frames/sec.
Picture Effects: Sepia, Black & White
ISO: Auto, 100, 200, 400, 800
Scene Modes: Twilight, Twilight Portrait, Landscape, Soft Snap, Candle, Snow, Beach, Fireworks, High Speed Shutter
Self-Timer: Yes, 10 Seconds
Audio/Video Output: Yes, Multi-pin connector,NTSC/PAL Selectable
Still Image Modes: Normal (JPEG Fine/Standard), Burst, Multi-Burst, TIFF, RAW
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 [2]
Memory Stick PRO™ Media Compatibility: Tested to support up to 1GB media capacity; does not support Access Control security function
Compatible Battery: Designed for use with NP-FR1 InfoLithium® Rechargeable
Supplied Software: Picture Package™ for Sony v1.1 (Windows), Pixela™ ImageMixer VCD2 (Macintosh) ImageData Converter v1.1 (Macintosh), 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: NP-FR1 Rechargeable InfoLithium® Battery, AC-LS5 Battery Charger, A/V and USB Cables, Shoulder Strap, Software CD-ROMs
Dimensions: 4 3/4" x 2 7/8" x 2 1/12" (119.8 x 72 x 63mm)
Weight: 13.2 oz (360g) Body; 15 oz. (410g) Body w/Battery, Media, Shoulder Strap

Recording Capacities

h = hours
m = minutes
s = seconds

		Memory Stick® Media				Memory Stick PRO™ Media			CF (Type 1)
RAW Fine/Standard	16MB	32MB	64MB	128MB	256MB	512MG	1GB	1GB
3072 x 2304 (7MP)	0/0	1/1	3/3	6/7	12/13	25/27	51/56	53/59
2592 x 1944 (5MP)	0/0	1/1	3/3	7/7	12/13	26/28	53/57	56/60
2048 x 1536 (3MP)	0/0	1/1	3/3	7/7	13/14	27/28	56/59	59/62
1280 x 960 (1MP)	0/1	1/2	3/4	8/8	14/14	29/29	60/61	63/64
640 x 480 (VGA)	0/1	2/2	4/4	8/8	14/15	30/30	61/62	65/65
JPEG Fine/Standard								
3072 x 2304 (7MP)	4/9	9/18	18/36	37/73	67/132	137/268	279/548	294/578
3072 x 2048 (7MP-3:2)	4/9	9/18	18/36	37/73	67/132	137/268	279/548	294/578
2592 x 1944 (5MP)	6/11	12/23	25/48	51/96	92/174	188/354	384/723	406/762
2048 x 1536 (3MP)	10/18	20/37	41/74	82/149	148/264	302/537	617/1097	651/1157
1280 x 960 (1MP)	24/46	50/93	101/187	202/376	357/649	726/1320	1482/2694	1563/2842
640 x 480 (VGA)	97/243	196/491	394/985	790/1975	1428/3571	2904/7261	5928/14821	6252/15631
MPEG Movie VX Fine								
640 x 480 (30 fps)	NA	NA	NA	NA	2 m 57 s	6 m 2 s	12 m 20 s	N/A
MPEG Movie VX Standard								
640 x 480 (16.6 fps)	42 s	1 m 27 s	2 m 56 s	5 m 54 s	10 m 42 s	21 m 47 s	44 m 27 s	46 m 53 s
Video Mail (160 x 112)	11 m 20 s	22 m 45 s	45 m 39 s	1 h 31 m 33 s	2 h 21 m 21 s	5 h 47 m 5 s	11 h 44 m 22 s	12 h 50 m 23 s

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[1] Recording numbers are approximate and will vary depending upon the images. 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.

[2] Not all products with USB connectors may communicate with each other due to chipset variations.