

SONY**DSC-M1 in Cyber-shot Station**

DSC-M1

Cyber-shot® Digital Still Camera

**DSC-M1 Front-view****Convenient One Touch Recording****Easy Compact Playback**

FEATURES

1/2.4" 5.1 Megapixel Effective 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.

Carl Zeiss® Vario-Tessar® Lens



The Vario-Tessar® lens is specially produced for compact cameras and provides rapid auto focus with appealing zoom range. Utilizing a highly transmissive optical grade prism, the lens is housed entirely inside the camera body, and does not need to extend for use.

► Innovative Design

Compact and just 1" slim, DSC-M1's vertical orientation and articulated LCD flexibly adapt to the demands of still and video recording, with direct access keys for each. Folding the 2.5" LCD back on the body creates a personal media viewer!

► Enhanced Control Layout

The DSC-M1 is designed with "Mode-less Recording" functionality with dedicated oversized function keys designed for direct still image capture or MPEG4 movie recording.

Real Imaging Processor™ Technology



The innovative Real Imaging Processor in the DSC-M1 not only improves picture quality and clarity but also improves camera response time, decreases shutter lag, and improves battery stamina.

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.

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.

► STEP-UP FEATURE

2.5" Hybrid LCD Monitor



The enormous 2.5" LCD provides a high resolution view while shooting, with transmissive/reflective Hybrid design for extraordinary brightness in direct sunlight and large, easy to read menus. Unique in such a compact camera, this large screen makes it easy to share image playback with friends.

► Free Angle LCD

Free angle LCD rotates for the shooting/playback situation. Folded in for protection when carried or folded out for easy recording. On-LCD button functionality allows for recording ease as well as direct playback.

Scene Selection Mode



With 9 Scene Modes, parameters can be matched to the shooting conditions. Choose from one of the following: Twilight, Twilight Portrait, Landscape, Snow, Beach, High Speed Shutter, Fireworks, Magnifying Glass and Candle.

Magnifying Glass Mode



With its extraordinarily close focusing capability (1cm) and oversized LCD, the DSC-M1's Magnifying Glass mode can display images at over 3X actual size. This capability opens up new possibilities in Macro photography.

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. In addition, you can manually select a point, or position a point anywhere in the frame with Flexible Spot AF

AF (Auto Focus) Illuminator



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

Continuous Auto Focus



To maintain accurate focus lock with fast moving subjects, Continuous AF keeps focusing from the time the camera is turned on until the moment of exposure, providing properly focused images even when your subject is moving.

Memory Stick Duo™ Media



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

Multi-Burst Mode



Captures 16 consecutive 320 x 240 frames as part of a single 1280x960 image which plays back sequentially in the camera or as a single image on your computer. Selectable 1/7.5, 1/15, 1/30 second frame intervals provide convenient motion analysis.

► MPEGMovie4TV Mode



By capturing full-screen (640x480) high frame rate (up to 30fps) video with stereo sound in MPEG4 format, DSC-M1 video clips have 50% more horizontal resolution and take up 1/4 the file size. This allows more clips to be stored and longer continuous recording.

► Hybrid Recording

Selectable with still images, Hybrid Record combines a brief 320x240 video clip with the shot, in a separate internal file. By capturing continuously before you release the shutter, Hybrid Record keeps 5 seconds of video and sound before the shot, together with 3 seconds after — perfect for unanticipated moments!

Rechargeable InfoLithium® Battery



Provides reliable, long-lasting power for continuous shooting, without "Memory Effect". The supplied AC-LM5 adapter/charger provides stable power for USB Transfer.

► Cyber-shot® Station Supplied



Placing the DSC-M1 on the supplied Cyber-shot Station provides a quick and easy connection between the camera and a TV for easy viewing, or a USB supported computer for MPEG video and still image transfer. It also supplies power to the camera for charging the battery.

DSC-M1

Cyber-shot® Digital Still Camera

ADDITIONAL FEATURES

3 Shot Auto Exposure Bracketing
 3:2 Aspect Ratio Mode Adjustable
 Color Saturation/Contrast
 Clear Color/Clear Luminance NR

Multi-Pattern Measuring
 Slow Shutter Noise Reduction
 Spot Focus

SPECIFICATIONS

Imaging Device: 1/2.4" 5.1 Megapixel Effective Super HAD™ CCD
Recording Media: Memory Stick Duo™ Media, Memory Stick PRO Duo™ Media
Lens Construction: 11 Elements in 8 Groups (Including 3 Aspheric Elements, 1 Prism)
Zoom: 3X Optical, 2X Digital, 6X Total Zoom
Filter Diameter: N/A
Focal Length: 6.7 – 20.1mm
35mm Equivalent: 38 – 114mm
Aperture: f3.5 – 4.4
Focus: 5 Area Multi-Point AF, 5 Step Manual Preset
Minimum Focus Distance: 19 5/8" (50cm)
Macro Focus Distance: Selectable 3 1/16" (8cm), Magnifying Glass Mode 3/8" (1cm)
Shutter Speed: Auto (1/8 – 1/1000 sec), Program Auto (1 – 1/1000 sec), High Speed (1/250 – 1/1000 sec)
Aperture Range: f3.5 – f5.6 (W), f4.4 – f10.0 (T)
Exposure Compensation: ±2.0EV, 1/3EV steps
Color LCD: 2.5" 123K TFT Pixels Hybrid LCD Screen
Flash Modes: Auto/Forced On/Forced Off/Slow Synchro
Red-Eye Reduction: On/Off
Flash Effective Range: 11 7/8" – 4' 11 1/8" (0.3 – 1.5m)
White Balance: Auto, Daylight, Cloudy, Fluorescent, Incandescent, Flash
Speed Burst Mode: 4 Shot (5MP JPEG Fine) 3fps
Picture Effects: Black & White, Sepia
ISO: Auto, 100, 200, 400
Scene Modes: Beach, Candle, Fireworks, High Speed Shutter, Landscape, Magnifying Glass Mode, Snow, Twilight, Twilight Portrait
Self-Timer: Yes, 10 Seconds
Audio/Video Output: Yes, by Supplied Multi-connector Cable
Still Image Modes: JPEG (Fine/Standard), Burst, Auto Bracketing
Hybrid Record Mode: Continuously accumulates 320x240 15fps video with sound, and records 5 seconds before still image capture and 3 seconds after. Still image recorded at selected resolution.
MPEG Movie Mode¹: MPEGMOVIE 4TV (MPEG4) with Stereo Audio (640 x 480, 30 fps/2.88 Mbps Bit Rate)
 MPEGMOVIE 4TV (MPEG4) with Stereo Audio (320 x 240, 30 fps/975 kbps Bit Rate)
 MPEGMOVIE 4TV (MPEG4) with Stereo Audio (320 x 240, 15 fps/277 kbps Bit Rate)
Microphone/Speaker: Yes/Yes
USB Terminal: Yes, by Supplied Multi-connector Cable, Supports USB 2.0 Hi-speed²
Memory Stick PRO Duo™ Media Compatibility*: Tested to support up to 512MB media capacity; does not support Access Control security function
Battery Type/Capacity: Designed for use with InfoLithium® NP-FT1, 2.4W (680mAh)
Supplied Software: Picture Package™ for Sony v1.2 (Windows), USB Driver
OS Compatibility: Microsoft® Windows® 98, 98SE, 2000 Professional, Me, XP Home and Professional
USB OS Driver Support: Microsoft® Windows® 98, 98SE, 2000 Professional, Me, XP Home and Professional
 Macintosh® OS 9.1, 9.2/X (v10.0 - 10.3)

SONY

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JPEG Still Image Mode³ Fine/Standard Picture Quality

Memory Stick Duo™ Media	2592x1944 (5MP)	2592x1728 (3:2)	2048x1536 (3MP)	1280x960 (1MP)	640x480 (VGA)
8MB	3/5	3/5	5/9	12/23	48/121
16MB	6/11	6/11	10/18	25/46	97/243
32MB	12/23	12/23	20/37	50/93	196/491
64MB	25/48	25/48	41/74	101/187	394/985
128MB	51/96	51/96	82/149	202/376	790/1,975
Memory Stick PRO Duo™ Media					
256MB	92/174	92/174	148/264	357/649	1,428/3,571
512MB	188/354	188/354	302/537	726/1,320	2,904/7,261



MPEG MOVIE 4TV MODE³ Maximum Recording Time (minutes/seconds) with audio

	(640 x 480)/30fps Standard (2.88 Mbps Bit Rate)	(320 x 240)/30fps Fine (975 kbps Bit Rate)	(320x 240)/15fps (277 kbps Bit Rate)
	8MB	22s	1m 5s
16MB	44s	2m 10s	7m 40s
32MB	1m 29s	4m 20s	15m 30s
64MB	2m 59s	8m 49s	31m 7s
128MB	5m 59s	17m 42s	1h 2m 23s
256MB	10m 50s	32m	1h 52m 48s
512MB	22m 1s	65m 4s	3h 49m 21s

h = hours m = minutes s = seconds

Supplied Accessories: NP-FT1 Rechargeable InfoLithium® Battery, AC-LM5 Battery Charger, UC-MA Cyber-shot® Station, Stereo A/V Connecting Cable, USB Cable, Wrist Strap, MSA-32A 32MB Memory Stick® Media, Memory Stick Duo Adapter, Software CD-ROM

Dimensions: 2" x 4 1/2" x 1 1/16" (51 x 114 x 27.8mm)

Weight: 6.5 oz (185g) Body; 7.5 oz (215g) Body w/Battery, Media & Wrist Strap

OPTIONAL ACCESSORIES

BC-TR1 Travel Battery Charger	MSX-M256A, MSX-M512A Memory Stick PRO Duo™ Media
DC-CL1 Car Battery Adaptor	NP-FT1 Rechargeable Battery Pack
LCS-CP2 Soft Carrying Case	VCT-MTK Travel Accessory Kit
LCS-CSD Soft Carrying Case	VCT-T1500L Advanced Tripod
MSAC-US30 Memory Stick PRO™ Media USB Adaptor	VCT-TK1 Portable Travel Tripod
MSH-M64A, MSH-M128A Memory Stick Duo™ Media	VMC-15MR Stereo Audio/Video Cable
	VMC-15MU USB Cable

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¹ Windows Media Player must be installed for MPEG4 playback

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

³ Recording numbers are approximate and do not include hybrid recorded video, and will vary depending upon images recorded.

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