

DSC-F707

Cyber-shot® Digital Still Camera



FEATURES

▶ 2/3" 5.0 Million Pixel Effective Super HAD™ CCD, 5.2 MP Gross

Super HAD (Hole Accumulation Diode) CCDs provide high resolution for excellent image quality shot after shot. HAD allows more light to enter the imager, increasing sensitivity and reducing noise.

▶ 5.0 Mega Pixel Image Resolution

Utilizing high quality CCD imagers, Sony digital still cameras capture stunning images in a variety of resolutions ideal for photo-quality printing.

Memory Stick® Media



A flash memory system that currently holds up to 128 MB of data on a tiny, transportable unit that can be used in cameras, camcorders, computers, printers, voice recorders and Walkman® portable stereos. Memory Stick media is digital, powerful, and transportable, and available in 8MB, 16MB, 32MB, 64MB and 128MB.

▶ 5X Optical/10X Precision Digital Zoom



Zoom helps you frame your shots for better digital pictures. Bring distant subjects closer or pull back for wide shots. Precision Digital zoom extends the optical zoom range by 2X without the jagged edges of other designs, resulting in smooth images.

Carl Zeiss® Vario-Sonnar Lens System

A professional quality precision lens that uses a unique coating that reduces glare and flaring, while providing improvement in detail and contrast

14-Bit DXP A/D Conversion



14-bit Digital Extended Processor captures the dynamic range between light and dark areas of your subject, providing an overall improvement without losing detail (highlights and shadows).

▶ Advanced Exposure Metering

Utilizing a 49 cell matrix, Multi-pattern Metering independently reads exposure levels for each cell, providing more accurate exposure in unevenly lit conditions. Center Weighted Averaging and Spot Metering are also available.

▶ Pre-Flash Metering

With a momentary pre-flash, the DSC-F707 illuminates the subject and reads the scene through the lens, directly from the CCD for the most accurate flash metering.

▶ Hologram AF Low Light Laser Focusing Assist



Projecting a Class 1 laser hologram pattern, Hologram AF reads the contrast between the pattern edge and the subject for the most accurate focus – even in low contrast situations.

▶ NightShot® Infra-Red System

Illuminating subjects at distances up to 10 feet with InfraRed emitters, Sony's NightShot system captures monochrome images in low or no light situations.

▶ Night Framing System

Combining elements of NightShot System, Pre-Flash Metering and Hologram AF, Night Framing assists proper framing, focus and exposure, capturing beautiful images in low or no light situations.

▶ Slow-Shutter NR

When capturing long exposures, the Slow Shutter Noise Reduction circuitry identifies the visual noise in the image and then subtracts it from the final image. The result is a better overall digital picture free from CCD noise during long time exposures (2.5 seconds and longer).

Intelligent Auto Pop Up Flash with Red-Eye Reduction

Provides the appropriate amount of flash for optimum brightness and color accuracy in virtually any lighting condition. The Red-Eye Reduction system uses a series of pre-flashes that causes the subject's pupils to contract, reducing the possibility of reflection from the back of the eye that causes the red-eye problem.

MPEG Movie HQ Mode



Lets you capture 5, 10 or 15 seconds of MPEG video at 320 x 240 resolution. MPEG HQ provides full screen video playback at 16 frames per second for smoother, more realistic motion. MPEG HQ also provides improved sound quality that rivals that of analog camcorders.

MPEG Movie EX



The MPEG Movie EX mode allows the user to capture MPEG files with audio, at a resolution of 160 x 112 or 320 x 240, at a length that is limited only by the capacity of the Memory Stick media.

1.8" 123K Pixel LCD Viewfinder

This 1.8" LCD features a pixel count that is usually found only in larger LCD screens. By using 123K pixels and anti-reflective coating, the LCD presents the images in even greater detail and clarity.

▶ Clear Color NR (Noise Reduction)

Detects large areas of consistent color (i.e. sky), then reduces chrominance noise in these areas with no significant degradation of the picture, resulting in overall improvement in image quality.

3-Shot Burst Mode

Capture 3 full resolution images at 2 frames per second, with one press of the shutter button. Great for capturing multiple fast action shots.

▶ STEP-UP FEATURE

ADDITIONAL FEATURES

Clip Motion Mode	Accessory Terminal
3-Shot Auto Bracketing	A/V Out (PAL/NTSC Switchable)
3-Scene Auto Exposure	InfoLithium® Battery System with AccuPower™ Meter
46-Step Shutter Priority (30 sec - 1/1000sec), 13-step Aperture Priority (f2.0-f8.0), Full Manual Exposure	In Camera Picture Effects (4)
USB Interface	High Speed Scan Auto Focus
TTL Color LCD Viewfinder	Manual Focus with Continuously Adjustable Focus Ring
Manual Mode	Expanded Focus Indicator
Playback Zoom, Trim and Resize	Rotating Lens
White Balance	16MB Memory Stick Media

SPECIFICATIONS

Imaging Device: 2/3" Super HAD™ CCD, 5020K Effective Pixels, 5240K Gross Pixels

Recording Media: Memory Stick® Media

Optical Zoom: 5X

Digital Zoom: 10X

Filter Diameter: 58mm

Focal Length: 9.7 – 48.5mm

35mm Conversion: 38 – 190mm

F: 2.0–2.4

Focus: Auto/Manual

Macro Mode: Yes

Shutter Speed: Auto, Manual (30 sec – 1/1000 sec)

Manual Exposure: ± 2.0EV, 1/3EV Step

Color LCD: 1.8", 123K Pixels

Flash Mode: Red-eye Reduction, On, Off, Auto

White Balance: Auto, Hold, Indoor, Outdoor

Picture Effects: Solarize, Sepia, Negative Art

ISO: Auto, 100, 200, 400

Scene Modes: Portrait, Landscape, Twilight

Self-Timer: Yes, 10 seconds

Audio/Video Out: Yes (mono)/Yes

Accessory Terminal: Yes

Erase/Protect: Yes

Date/Time Stamp: Yes

Slide Show Mode: Yes

Media/Battery Indicator: Yes

File Formats: JPEG, TIFF, MPEG1

Max File Resolution: 2560 x 1920

MPEG Movie Mode: MPEG HQ (320 x 240, Full Screen), MPEG EX Presentation (320 x 240), MPEG EX Video Mail (160 x 112)

Clip Motion: Normal (160 x 120), Mobile (120 x 108)

Microphone/Speaker: Yes (mono)/Yes (mono)

USB: Yes

Power Consumption: 2.8 Watts

Software Supplied: MGI PhotoSuite® 8.1 (Microsoft® Windows®), MGI PhotoSuite® SE V1.1 (Macintosh®), MGI VideoWave® III SE (Microsoft® Windows®), USB Drivers (Microsoft® Windows®/Macintosh®)

OS Compatibility: Microsoft® Windows® 98, 98SE, 2000, XP
Macintosh® 8.5.1, 8.6, 9.0, 9.1

Supplied Accessories: 16MB Memory Stick Media, NP-FM50 InfoLithium Battery, AC-L10A AC Adapter/In Camera Charger, A/V Cables, USB Cable, Shoulder Strap, Lens Cap

SONY

Sony Electronics Inc.
16765 West Bernardo Drive
San Diego, CA 92127
www.sony.com/di

worry FREE

BATTERY LIFE NUMBER OF SHOTS

BATTERY*	Minutes	Still Images
VGA (640 x 480) Flash Off/LCD Off		
NP-FM50	150	2500

*Results may vary



MEMORY MODE

Memory Stick	16MB	32MB	64MB	128MB
	Fine/Standard			
2560 x 1920	6/11	12/23	24/46	48/92
2560 x 1712 (3:2)	6/11	12/23	24/46	48/92
2048 x 1536	10/18	20/36	40/72	80/144
1280 x 960	24/44	50/93	100/186	200/372
640 x 480	96/240	195/488	393/983	786/1966



MPEG MOVIE MODE MAXIMUM STORAGE TIME

	HQ (320 x 240)	Presentation Mode (320 x 240)	Video Mail (160 x 112)
	16MB	40 sec	2 min 40 sec
32MB	1 min 25 sec	5 min 40 sec	21 min 40 sec
64MB	2 min 50 sec	11 min 20 sec	45 min 00 sec
128MB	5 min 40 sec	22 min 40 sec	90 min 00 sec

Dimensions (W/H/D): 4 3/4" x 2 3/4" x 6" (120 x 69 x 151mm)

Weight: 1 lb 9 oz.

OPTIONAL ACCESSORIES

LCM-FX Custom-Fit Genuine Leather Carrying Case	RM-DR1 Wired Remote Control
LCS-VA3 Deluxe Carrying Case	VCT-TK1 Mini Tripod
BC-VM50 AC Charger	VCT-R610 Tripod
AC-VQ850D AC/DC Quick Charger	VCT-D480RM Tripod with Remote Control Function (up to 42" height)
NP-FM50 InfoLithium Rechargeable M-Series Battery	VCT-D580RM Tripod with Remote Control Function (up to 45" height)
MSA-8A, 16A, 32A, 64A, 128A Memory Stick Media	VCT-D680RM Tripod with Remote Control Function (up to 57" height)
MSAC-PC2 Memory Stick PC Card Adapter	DPP-SV55 Digital Photo Printer
LSF-H58 58mm Lens Hood	DPP-SV77 Digital Photo Printer w/LCD
VCL-MHG07A High Grade Wide Angle Lens	

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