SONY

DSC-F88
Cyber-shot® Digital Still Camera

1/2.4" 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.

▶ Rotating Lens Design

Rotating through a 300 degree travel DSC-F88's lens lets you shoot from waist level, overhead or even fully reversed to let you get in the picture with full view of the LCD.

3X Optical/2X Digital/6X Total 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.

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 within the camera's rotating lens, and does not need to extend for use.

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-F88 not only improves picture quality and clarity but also improves camera response time, decreases shutter lag and improves battery stamina.

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.
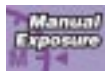
▶ STEP-UP FEATURE

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

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.
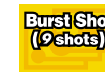
1.8" LCD Monitor

The 1.8" 134K LCD Monitor makes framing shots and reviewing pictures easy.

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 Mode with Audio

Captures VGA (640 x 480) high frame rate (16 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 VCL-07FEB wide conversion lens, you can expand your camera's field of view, helping you capture the entire scene. It's especially helpful in self-shooting when holding the camera at arm's length.

Cyber-shot Station Compatible

Make transferring images and recharging the DSC-F88's battery easier with the optional CSS-FEB Cyber-shot station. Just place the camera on the cradle for instantaneous power and computer connections.

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.

Rechargeable InfoLithium® Battery

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

DSC-F88
Cyber-shot® Digital Still Camera

ADDITIONAL FEATURES

14-Bit DXP A/D Conversion
Auto Bright Monitoring
Clear Color/Clear Luminance NR
Eye-Level True Zoom Optical Viewfinder
MPEG1 Cue, Review and Divide

Multi-Use Terminal
Playback Zoom
Selectable Sharpness/Contrast/
Saturation
Supports High Speed USB 2.0

SPECIFICATIONS

Imaging Device: 1/2.4" 5.1 Megapixel Super HAD™ CCD
Recording Media: Memory Stick® Media, Memory Stick PRO™ Media
Lens Construction: 10 Elements in 13 Groups, 4 Aspheric
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: N/A
Focal Length: 6.7 – 20.1mm
35mm Equivalent: 38 – 114mm
Aperture Range: f3.5 – f8 (W); f4.2 –f9 (T)
Auto Focus: 5 Area Multi-point AF, Center AF, 5-Step Manual
Minimum Focus Distance: 19.7″ (50 cm)
Macro Focus Distance: 3.1″ (8 cm), Magnifying Glass mode 0.4″ (1 cm)
Shutter Speed: 1/8 – 1/1000 sec. (auto)
    1 – 1/1000 sec. (Program Auto)
    30 – 1/500 sec. (manual)
Exposure Compensation: +/- 2.0 EV, 1/3 EV Steps
Color LCD: 1.8″ 134K Pixel LCD Screen
Flash Modes: Auto/Forced On/Forced Off/Slow Synchro
Red-Eye Reduction: On/Off
Flash Effective Range: 0.5 – 7.2 ft. (0.15 - 2.2m)
White Balance: Auto, Daylight, Cloudy, Fluorescent, Incandescent
Burst Mode: 9 Shot (JPEG fine), 16 Shot (JPEG std.), 1.6 fps
Picture Effects: Sepia, Black & White
ISO: Auto, 100, 200, 400
Scene Modes: Twilight, Twilight Portrait, Landscape, Soft Snap, Candle, Snow,
    Beach, Fireworks, High Speed Shutter, Magnifying Glass
Self-Timer: Yes, 10 Seconds
Audio/Video Output: Yes, by supplied multi-connector cable
Still Image Modes: Normal (JPEG Fine/Standard), Burst, Multi-Burst
MPEG Movie Modes: MPEG VX with Audio (640 X 480, 16.6fps) ,
    Video Mail (160 x 112, 8.3fps) with Audio
Microphone/Speaker: Yes/Yes
USB Output: Yes, by supplied multi-connector cable, supports USB 2.0 Hi-speed
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 v1.0 (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: NP-FR1 Rechargeable InfoLithium® Battery, AC-LS5 Battery
    Charger, A/V to Multi-Connector and USB to Multi-Connector Cables, Wrist
    Strap, MSA-32A 32MB Memory Stick® Media, Software CD-ROM
Dimensions: 3 $^{15}/_{16}$ x 2 $^{15}/_{16}$ x 1" (98 x 75 x 25.6 mm)
Weight: 6 oz. (163g) Body, 7.4 oz. (202g) Body w/Battery, Media, Wrist Strap

JPEG STILL IMAGE MODE
Fine/Standard Picture Quality

Memory Stick® Media[1]	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™ Media[1]					
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) 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	10m 42s	2h 51m 21s
512MB	21m 47s	5h 48m 28s
1GB	44m 27	11h 51m 21s

OPTIONAL ACCESSORIES

CSS-FEB Cyber-shot Station
ACC-CFR Starter Kit
NP-FR1 InfoLithium® Battery
BC-TR1 Compact AC Travel Charger
VCL-07FEB Wide Conversion Lens
LCS-FEE "Just Fit" Carrying Case
LCS-FED "Just Fit" Carrying Case

VCT-MTK Travel Tripod
LCH-MA Memory Stick® Media Carrying Case
MSA-32A, MSA-64A, MSA-128A Memory
Stick® Media
MSA-128S2 Memory Stick® with Select
Function
MSX-256, MSX-512, MSX-1G Memory Stick
PRO™ Media
MSAC-US30 Memory Stick PRO™ Media USB
Adaptor

SONY

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