

DSC-P10

Cyber-shot® Digital Still Camera



FEATURES

▶ 1/1.8" 5.0 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.

Ultra Compact Design

The DSC-P10's sleek metal body is small enough for most any pocket or purse, and easy to use with well placed controls.

3X Optical Zoom Lens



To help frame your shots for better digital pictures. Optical Zoom helps you bring distant subjects closer & pull back for wide shots

0 - 4.0 Smart Zoom (at VGA size)



Smart Zoom 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.

3 Area Multi-Point Auto Focus



Evaluating 3 separate focus areas of the frame, Multi-Point AF can intelligently focus on the subject and avoid mistakenly focusing on the background.

AF (Auto Focus) Illuminator



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

Continuous Auto Focus



To maintain accurate focus lock with fast moving subjects, Continuous AF keeps focusing until the moment of exposure.

Multi-Pattern Measuring



Independently light-metering 49 points of the frame, Multi-Pattern Measuring establishes the optimum exposure value, even when highlight or shadow isn't centered in the frame.

Memory Stick® Media



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

Slow Shutter Noise Reduction



During long exposures, Slow Shutter NR captures the scene, and then a separate exposure of just the CCD noise pattern. By subtracting the two, the noise which often distorts long exposures is reduced.

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.

1.5" LCD Monitor

Monitors the scene for accurate framing. 123K pixel and anti-glare coating help provide excellent viewing and image playback clarity, even outdoors.

True Zoom Optical Viewfinder

Provides accurate framing at eye level, great for added stability and following fast moving subjects.

Pre-Flash Metering

With a momentary pre-flash, the camera illuminates the subject and sets exposure through the lens for great flash shots.

Auto Daylight Synchro Fill Flash

When the Multi-Pattern Measuring system determines the subject is backlit or in shadow, fill flash automatically fires to provide optimum exposure.

Live Histogram Display

Available for capture and playback, the live histogram displays number of pixels at each luminosity making it easy to evaluate correct exposure.

▶ 5 Megapixel (2592 x 1944) Image Size

With its high resolution CCD, the DSC-P10 captures 4 different image sizes, Fine or Standard JPEG compression.

Scene Selection Mode



With 7 Scene Modes, camera parameters can be matched to the shooting conditions. Twilight, Twilight Portrait, Landscape, Snow, Beach, Fast Shutter and Fireworks presets make great shots easy!

Multi-Burst Mode



Captures 16 320x240 frames as part of a single 1280x960 image which plays back sequentially in the camera. Selectable 1/7.5, 1/15, 1/30 second frame intervals provide convenient motion analysis.

MPEG Movie VX Mode



Captures VGA (640x480) 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.

Clip Motion Mode



Capture up to 10 images and convert them to an animated GIF with 2 fps playback. By varying the interval between shots you can create animations not possible with other motion capture modes.

Playback Zoom, Trim and Resize



During playback, magnify any portion of the image up to 5X and trim to the area of your interest. Then, save the new image as a new file in any of the image sizes available from the menu.

Rechargeable InfoLithium® Battery

Provides reliable, long-lasting power for continuous shooting, without "memory effect". AC-LS5 adaptor/charger provides stable power for USB transfer.

DSC-P10

ADDITIONAL FEATURES

| | |
|--------------------------------------|------------------------------------|
| 3 Shot Burst Mode | 3:2 Aspect Ratio Mode |
| 3 Shot Auto Exposure Bracketing | Video Output (PAL/NTSC Selectable) |
| Adjustable Color Saturation/Contrast | 4 Mode In-Camera Picture Effects |
| Clear Color/Clear Luminance NR | 5 Step Manual Preset Focus |
| MPEG1 Cue, Review and Divide | |

SPECIFICATIONS

Imaging Device: 1/1.8" 5.0 Megapixel Effective Super HAD™ CCD

Recording Media: Memory Stick® Media, Memory Stick PRO™ Media

Optical Zoom: 3X Optical, 4X Smart Zoom (at VGA size), 12X Total

Filter Diameter: N/A

Focal Length: 7.9 - 23.7mm

35mm Equivalent: 38 - 114mm

Aperture: f2.8 - 5.6

Focus: 3 Area Multi-Point AF, 5 Step Manual Preset

Minimum Focus Distance: 19.7" (50 cm)

Macro Focus Distance: 3.9" (10 cm)

Shutter Speed: Auto, 1/30 – 1/2000 sec, Twilight 2 sec – 1/2000

Manual Exposure: ±2.0 EV, 1/3 EV Ssteps

Color LCD: 1.5" 123K Pixels Low Temperature Polysilicon TFT

Flash Modes: Auto/Forced On/Forced Off/Slow Synchro, Red-eye Reduction On/Off

Flash Effective Range: 1.3 – 12.5 ft (0.4 – 3.8m)

White Balance: Auto, Daylight, Cloudy, Fluorescent, Incandescent, Flash

Picture Effects: Black & White, Solarize, Sepia, Negative Art

ISO: Auto, 100, 200, 400

Scene Modes: Twilight, Twilight Portrait, Landscape, Beach, Snow, Fireworks, Fast Shutter

Self Timer: Yes, 10 Seconds

Video Output: Yes NTSC/PAL Selectable

Still Image Modes: JPEG (Fine/Std.), Burst, Email, Voice Memo

MPEG Movie Modes: MPEG VX (640x480, 16 fps, with audio)
MPEG Video Mail (160x112, 8 fps with audio)

Clip Motion: Normal (160x120), Mobile (80x72)

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 high speed transfer function; does not support Access Control security function

Battery Type/Capacity: InfoLithium NP-FC11 780 mAh Rated

Supplied Software: Pixela™ Image Mixer Software for Sony v1.5, USB Driver SPVD-008

OS Compatibility: Microsoft® Windows® 98/98SE/Me/2000 Professional/XP Home/Pro; Macintosh® OS 8.5.1/8.6/9.0/9.1/9.2

Supplied Accessories: NP-FC11 InfoLithium® Rechargeable Battery, AC-LS5 AC Adaptor/In-camera Charger, A/V and USB Cables, Wrist Strap, MSA-32A 32MB Memory Stick® media; Software CD-ROM

Dimensions (W/H/D): 4 1/4" x 2" x 1 7/16" (108 x 51.5 x 35.8mm)

Weight: 7.5 oz (206g) (w/Battery, Memory Stick® Media, Strap)

SONY

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JPEG Still Image Mode

Fine/Standard Picture Quality

| Memory Stick® Media¹ | 2592x1944 (5MP) | 2592x1728 (3:2) | 2048x1536 (3MP) | 1280x960 (1MP) | 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 | 394/985 |
| 128MB | 51/96 | 51/96 | 82/149 | 202/376 | 790/1,975 |
| Memory Stick PRO™ Media¹ | | | | | |
| 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 |
| 1GB | 384/723 | 384/723 | 617/1,097 | 1,482/2,694 | 5,928/14,821 |

MOTION CAPTURE MODES

Maximum Recording Time (minutes/seconds)

| Memory Stick® Media | MPEG Movie | | Clip Motion (Images) | | 16 Frame Multi-Burst |
|-------------------------|-------------------|---------------------|----------------------|-------------------|----------------------|
| | 640x480 (VX Mode) | 160x112 (Mail Mode) | 160x112 (Normal-10f) | 80x72 (Mobile-2f) | |
| 16MB | 42sec | 11m 13s | 88 | 486 | 24/46 |
| 32MB | 87sec | 22m 43s | 178 | 982 | 50/93 |
| 64MB | 176sec | 45m 40s | 358 | 1,971 | 101/187 |
| 128MB | 5m 54s | 91m 34s | 718 | 3,951 | 202/376 |
| Memory Stick PRO™ Media | | | | | |
| 256MB | 10m 41s | 165m 35s | 1,190 | 3,571 | 357/649 |
| 512MB | 21m 44s | 336m 43s | 2,420 | 7,261 | 726/1,320 |
| 1GB | 44m 23s | 687m 19s | 4,940 | 14,821 | 1,482/2,694 |

BATTERY LIFE (Approx)

| Battery Fully Charged | Recording-# Shots* LCD On/Off | Recording-Minutes* LCD On/Off | Viewing** No. Images/Batt. Life |
|-----------------------|-------------------------------|-------------------------------|---------------------------------|
| NP-FC11 | 180/240 | 90min/120min | 3600/180min |

*Under Average Conditions:

Normal Mode (JPEG), Picture quality Fine; Shooting each image at 30 second intervals; Zoom is alternated from Wide to Telephoto ends; Flash operated every other shot; Power is turned on/off after every 10 shots; Actual results may vary on conditions of use.

**Viewing single images consecutively, at about 3 second interval.

OPTIONAL ACCESSORIES

| | |
|---|--|
| ACC-CSFC Starter Kit (LCS-CSFC, NP-FC11, MSAC-A8) | MSA-32A, MSA-64A, MSA-128A Memory Stick® Media |
| NP-FC11 InfoLithium® Battery | MSA-128S2 Memory Stick® Media with Select Function (256MB total) |
| AC-LS5 AC Adaptor/In-camera Charger | MSX-256, MSX-512, MSX-1G Memory Stick PRO™ Media |
| LCS-PHA Deluxe Soft Leather Carrying Case | MSAC-HGA8 Memory Stick® media Carrying Case |
| LCS-PX Deluxe Semi-Soft Carrying Case | MSAC-US70 Memory Stick PRO™ Media USB Adaptor/Mouse |
| LCS-CSB Sport Style Carrying Case | MSAC-US20 Memory Stick PRO™ Media USB Adaptor |
| LCS-CP2 General Carrying Case | MSAC-PC3 Memory Stick PRO™ Media PC Card Adaptor |
| HVL-FSL1A External Slave Flash w/Bracket | VMC-14UMB Replacement USB cable |
| VAD-PHA Conversion Lens Adaptor Mount | VCT-MTK Travel Tripod |
| VCL-DH0730 Wide Angle Conversion Lens* | VCT-R640 Lightweight Tripod |
| VCL-DH1730 Telephoto Conversion Lens* | MPK-PHA Marine Pack |
| VF-30CPKS Polarizing Filter Kit* | |
| VF-30NK Neutral Density Filter Kit* | |
| VF-30SC Special Effects Filter Kit* | |
| * VAD-PHA Conversion Lens Adaptor Mount Required | |

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¹ Available storage capacity of Memory Stick and Memory Stick PRO media may vary. A portion of the memory is used for data management functions.