DSC-TX1

10.2 MP | 4x OPTICAL ZOOM | 3.0" TOUCH SCREEN LCD[1]

The DSC-TX1's the professional quality Carl Zeiss 4x optical zoom (35mm equivalent) lens paired with the "Exmor R" CMOS sensor, lets you capture clear, crisp images, even in low-light. Users will enjoy taking and reviewing images on large 3"touch screen LCD [1]. Never miss a decisive moment with fast capture of and create wide 185-degree panoramic shots as easy as press and sweep with Sweep Panorama.

Take clearer photos with less grain in low-light conditions

The DSC-TX1 features a 10.2 megapixel, back-illuminated "Exmor R" CMOS image sensor. This advanced technology leverages the full resolving power of the camera's Carl Zeiss® Vario-Tessar® lens, plus gives the camera stunning low-light sensitivity for capturing extraordinarily clear images with drastically reduced grain. Working together, the BIONZ® image processor and "Exmor R" CMOS sensor also enable the camera's extremely fast 10fps, Anti Motion Blur, Hand-held Twilight and 720p movie modes.[9]

Review your shots with the touch of a finger

The large 3" Clear Photo LCD Plus™ touch screen display[1] (230K pixels) allows you to scroll through images by simply touching the display.

Be sure to catch all those once-in-a lifetime moments

The DSC-TX1 can capture up to ten full 10.2 megapixel resolution images per second. So now you can be sure to capture the bat hitting the game-winning homerun, the lead runner crossing the finish line, and other decisive moments. The camera also uses a mechanical shutter to help reduce distortion when continuously shooting moving subjects.

Capture breathtaking panoramic shots

Sweep Panorama mode lets you go far beyond the capabilities of traditional wide-angle lenses to capture stunningly expansive shots. Simply press the shutter button and sweep the camera horizontally or vertically over your desired scene. The camera shoots continuously at a high speed, automatically adjusts the position of each image, then seamlessly stitches up to 100 pictures together into one panoramic photo. Available in wide and ultra-wide options, this feature lets you take panoramic shots up to an amazing 185 degrees.

Get sharper night shots without a tripod

The Hand-held Twilight Mode captures six images in a fraction of a second with one press of the shutter, combining the data from all six to create a single image of extraordinary detail and low noise.

Take clearer photos of moving subjects

The Anti Motion Blur Mode takes six images in a fraction of a second using a higher shutter speed. The camera then combines the data from all six images to create a single photo of extraordinary detail with minimal blur.

MP4 for PC: 720p

MP4 is ideal for enjoying and sharing HD movies on your PC, Mac® or the Internet. You can record video up to 1280x720 at 30fps. A MP4 HD file is a compressed single file format, perfect for uploading to computers and Web sharing sites like YouTube™. (Compatible computer with Internet compatibility required.)

Additional features:

• High sensitivity ISO 3200

• Find your photos using simple folder or calendar viewing modes

• Function Guide helps explain menus and settings

• Intuitive touch screen operation (Flick, Drag & Drop)

• Card slot for optional Memory Stick Duo™ media

• Includes PMB (Picture Motion Browser)[2] Software

Specifications

General

Camera Type	Slim and Sleek with 3" Touch Screen
Image Device	1/2.4"(7.59mm)"Exmor R" CMOS
Effective Pixels Resolution	10.2MP
Processor	BIONZ®

Optics & Lens

Lens Type	Carl Zeiss® Vario-Tessar®
Lens Construction	12 elements in 10 groups (including 4 aspheric elements,1 prism)
Aperture Range	Auto(F3.5-F7.1(W)) / Program Auto(F3.5-F7.1(W))
Focal Length	6.18-24.7mm
35mm Equivalency	Still shots: 35-140mm / Movie 16:9: 38-152mm / Movie 4:3 :46-184mm
Optical Zoom	4x
Digital Zoom	Smart Zoom / Precision Digital Zoom / Off
Total Zoom	Approximately 8x with Precision Digital Zoom

LCD & Viewfinder

LCD Type	3.0" Clear Photo LCD Plus™ wide display[1] (230K)
Viewfinder	-

Recording

Media Slot	MS PRO Duo™ media
Still Images	10M (3,648 x 2,736) / 5M (2,592 x 1,944) / 3M (2,048 x 1,536) /VGA (640 x 480); 3:2 8M(3,648 x 2,432); 16:9 7M(3,648 x 2,056) / 2M(1,920 x1,080); Panorama 7,152 x 1,080(185deg) / 4,912 x 1,080(127deg) / 4,912 x 1,920(127deg) / 3,424 x 1,920(88deg)
Video	1280 x 720(29.97fps, Progressive) (Approx.9/6Mbps) / VGA (640 x 480, 29.97fps, Progressive) (Approx.3Mbps)
Microphone / Speaker	Mono / Mono

Focus

Focus	9 points AF / Center Weighted AF / Spot AF / Flexible Spot AF(Touch)
Intelligent Auto Focus	Yes
Macro Mode	iAUTO(W:Approx.1cm (0.39") to Infinity, T:Approx. 50cm (19.7") to Infinity"; Program Auto "W: Approx. 1cm (0.39") to Infinity, T:Approx. 50cm (19.7")

Exposure

Exposure Metering	Multi Pattern / Center Weighted / Spot
Exposure Compensation	Plus / Minus 2.0EV, 1 / 3EV step
ISO	Auto / 125 / 200 / 400 / 800 / 1600 / 3200
Backlight Correction HDR	-
Dynamic Range Optimizer	Standard / Off / Plus
White Balance	Auto / Daylight /Cloudy / Fluorescent 1(White Fluorescent Lighting) / Fluorescent 2 (Natural White Fluorescent Lighting) / Fluorescent 3 (Day White Fluorescent Lighting) / Incandescent/ Flash / One Push

Shutter

Shutter Speed	iAUTO(2" - 1/1,250) / Program Auto(1" - 1/1,250)
Burst Mode	Normal / Hi-Speed Burst(High/Mid/Low) (Approx. 10fps at 10.2MP (Maximum 10 shots))

Flash

Flash Type	Built-In
Flash Effective Range	ISO Auto: Approx.0.08-Approx.3.0m (Approx.0.26'-Approx.9.84')(W) / Approx.0.5 - Approx. 2.4m (Approx.1.64'-Approx.7.87')(T), ISO3200: up to Approx.6.0m(Approx19.7)(W) / Approx.4.8m(Approx15.7')(T)
Flash Mode	Auto / On / Slow Syncro / Off

Features

Scene Modes	High Sensitivity / Twilight / Twilight Portrait / Soft Snap / Landscape / Beach / Snow / Fireworks / Hi-Speed Shutter / Underwater / Gourmet / Pet
Image Stabilization	Optical SteadyShot™ image stabilization
GPS	-
Panorama	Sweep Panorama (Horizontal / Veritcal up to 185-degrees)
Multi-shot layering	Handheld Twilight / Anti-Motion Blur
Intelligent Auto	Yes
Intelligent Scene Recognition	9 scenes
Face Detection	8 Faces (Auto / Touch / Child Priority / Adult Priority)
Motion Detection	Yes
Blink Detection	Yes
Smile Shutter™ Technology	Yes
Self-timer	Off / 10sec. / 2sec.
In-Camera Editing	Trimming / Red Eye Correction / Unsharp Masking
TransferJet™ Technology	-

Inputs & Outputs

USB	Yes - USB2.0 Hi-Speed
HD Video	Component(1080i)
SD Video	Yes

Power

Supplied Battery	InfoLITHIUM® NP-BD1 3.6V
Battery Life (Approx.)	125
Number of Images (Approx.)	250

Weights & Measurements

Dimensions (Approx.)	3 3/4" x 2 3/8" x 21/32" (93.8mm x 58.2mm x 16.5mm)
Weights (Approx.)	Approx. 4.2 oz. (120g) body only; Approx. 5.0 oz. (142g) - With battery and Memory Stick PRO Duo media.

Software

Supplied Software	Picture Motion Browser Ver 4.3(for Windows), Music Transfer
Operating System Requirements	Microsoft Windows XP SP3, Windows Vista SP2, Macintosh OS X(v10.3 - 10.5)

Service & Warranty

Limited Term Warranty	Limited 1 Year Parts & Labor

Supplied Accessories

Battery	InfoLITHIUM® NP-BN1
Battery Charger	BC-CSN
A/V Cable	-
USB Cable	-
Multi-Connector Cable (A/V / USB)	-
Shoulder Strap	-
Wrist Strap	Yes
Lens Cap Tether	-
Paint Pen	Yes
CD ROM	Yes

Footnotes

1. Viewable area measured diagonally
2. PMB requires Microsoft® Windows® XP SP3/ Windows Vista® SP2/Windows 7. Picture Motion Browser software not supported by Mac OS. Movie format is compatible with iMovie® '09 or later versions.
9. HD Movie mode records up to 1280x720p, at 30 fps, and 9Mbps.

GRAY   SILVER   PINK   BLUE   3.0" LCD[1]