EX-JE10 Specifications

			EX-JE10
Number of Effective Pixels			16.1 megapixels (/million)
Image Sensor			1/2.3-inch square pixel CCD
	Total Pixels		16.44 megapixels (/million)
File Format	Still Images		JPEG (Exif Ver.2.3, DCF 2.0, DPOF)
	Movies		Motion JPEG, AVI format, IMA-ADPCM (monaural)
Built-in Flash Memory (Image Area)*1			Approx. 41.0MB
Recording Media			microSD Memory Card, microSDHC Memory Card, microSDXC Memory Card compatible
Number of Recorded Pixels	Still Images		16M (4608 x 3456), 3:2 (4608 x 3072), 16:9 (4608 x 2592), 10M (3648 x 2736), 5M (2560 x 1920), 3M (2048 x 1536), VGA (640 x 480)
	Movies		HD:1280x720 (30fps) / STD: 640x480 (30fps)
Recording Capacity (Maximum Image Size Setting)	Still Images (JPEG)	microSD Memory Card 16GB*2	Fine: Approx. 2791 shots / Normal: Approx. 4191 shots
	Movies	File Size	Maximum Movie File Size : 4GB*3
		microSD Memory Card 16GB*2	Approx. 1 hours 5 minutes (HD)
Lens	Construction		6 lenses in 5 groups, including aspherical lens
	F-number		F3.2 (W) to F6.5 (T)
	Focal Length		f= 4.6 to 23.0mm
		35mm Film Equivalent	Approx. 26 to 130mm
Zoom Ratio			5 x optical zoom, 4x digital zoom (20 times both with optical and digital zoom) HD Zoom Maximum 79.7x (@VGA, both with HD Zoom and digital zoom)
Focusing	Focus Type		Contrast Detection Auto Focus
	Focus Modes		Auto Focus, Macro, Infinity mode, Manual focus
	AF Area		Spot, Multi, Tracking
Focus Range*4 (From Lens Surface)	Auto Focus		Approx. 10cm to infinity (W)
	Macro		Approx. 10cm to 50cm (Seventh step from Widest Setting)
	Infinity mode		Infinity
	Manual Focus		Approx. 10cm to infinity (W)
Exposure	Exposure Metering		Multi pattern (center weighted for some BS scenes) by CCD
	Exposure Control		Program AE
	Exposure Compensation		-2EV to +2EV (in 1/3EV steps)
Shutter			CCD electronic shutter and mechanical shutter
	Shutter Speed*5	Auto	1/2 to 1/2000 second
		Premium Auto	1/8 to 1/2000 second
		Night Scene	4 to 1/2000 second
Aperture*6			F3.2 (W) to F8.0 (W) *7
White Balance			Auto WB, Daylight, Overcast, Shade, Day White FL, Daylight FL, Tungsten, Manual WB
Sensitivity (SOS)*8	Still Images		Auto, ISO64, ISO100, ISO200, ISO400, ISO800, ISO1600
	Movies		Auto
Self-Timer			10 seconds, 2 seconds, Triple Self-timer
Built-in Flash	Flash Modes		Auto, Flash off, Flash on, Red eye reduction
	Flash Range*9 (ISO Sensitivity : Auto)		Normal : Approx. 0.4 to 2.0m (W), approx. 0.8 to 1.0m (T)
	Flash Charge Time		Approximately 5 seconds

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Recording Functions		Snapshot (Auto mode/Premium AUTO mode), Marco, Self-timer, Continuous shooting(Normal Speed CS), BEST SHOT(Include Self-portrait), ART SHOT, Make-up Function, Face Detection, Movie(Normal Movie, For YouTube), Voice Recording
Playback Functions		Playback Zoom(8X), 25-image Screen, BGM Slideshow, Start-up Images, Rotate, Re-size, Trimming, Copy
Other Functions		Focus Frame Customization, Key Customization, Video Output(NTSC/PAL), USB charging
Approximate Maximum Audio Recording Times	After Recording	30 seconds per image
	Voice Recording	2hours 6minutes (when using built-in memory)
Monitor Screen		2.7-inch TFT color LCD , 230,400 dots (960 x 240)
Timekeeping Functions	Date and Time	Recorded with image data
	With Time Stamp Function	Yes
	Auto Calendar	To 2049
	World Time	162 cities in 32 time zones, City name, date, time, daylight saving time
External connection terminal		USB port (Hi-Speed USB compliance, USB charging) / AV output terminal(NTSC/PAL),
Microphone		Monaural
Speaker		Monaural
Power Requirements		Rechargeable lithium ion battery (NP-80)
Battery Life	Number of Shots*10	Approx. 170 shots
	Continuous Playback (Still Images)	Approx. 3 hours 30 minutes
	Actual Movie Recording Time (HD Movie) *10	Approx. 50 minutes
	Continuous Movie Recording Time(HD movie) *10	Approx. 1 hours 25 minutes
Dimensions*10	W × H × D	82.4 (W) x 55.1 (H) x 20.5 (D) mm (excluding projections ; 17.5mm at thinnest point)
Weight*10		Approximately 127g (Including Battery and Memory Card*2) Approximately 111g (Excluding Battery and Memory Card)
Bundled Accessories		Rechargeable Lithium Ion Battery (NP-80) *11 , USB-AC Adaptor (AD-C53U), Camera Jacket with Shoulder Strap, AC Power Cord, USB cable, Quick Start Guide

1 Built-in memory capacity after formatting.
2 When using SanDisk Corporation 16GB microSDHC Memory Card.
3 Within limits of memory and battery life.
4 Using optical zoom causes the focus range to change.
5 Depending on user's setting of Camera.
6 Using optical zoom causes the aperture to change.
7 ND filter is being used.
8 SOS: Standard Output Sensitivity.
9 Range is affected by optical zoom.
10 In accordance with CIPA (Camera and Imaging Products Association) standards.
11 Battery is attached inside camera.

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