

EX-FS10 / EX-FC100 Specifications

			HIGH SPEED EXILIM	
			EX-FS10	EX-FC100
Number of Effective Pixels			9.10 million	
Image Sensor			1/2.3-inch high-speed CMOS	
	Total Pixels		10.29 million	
File Format			JPEG (Exif Version 2.2, DCF 1.0 standard, DPOF compliant)	
	Movies		AVI format, Motion JPEG, IMA-ADPCM (monaural)	
Recording Media			SDHC Memory Card, SD Memory Card	
Number of Recorded Pixels			9M (3456 x 2592), 3:2 (3456 x 2304), 16:9 (3456 x 1944), 6M (2816 x 2112), 4M (2304 x 1728), 2M (1600 x 1200), VGA (640 x 480)	
	STD Movies		640 x 480 (30 fps)	
	HD Movies		1280 x 720 (30 fps)	
	Hi-speed Movies (HS)		1000 fps, 420 fps, 210 fps, 30-210 fps	
Operating Speed			High-speed Continuous Shutter 30 fps, 15 fps, 10 fps, 5 fps, 3 fps (maximum image size: 2816 x 2112 pixels)	
Lens			Construction	
			11 lenses in 9 groups, including aspherical lens	9 lenses in 7 groups, including aspherical lens
	F-number		F3.9 (W) to F5.4 (T)	F3.6 (W) to F4.5 (T)
	Focal Length		f=6.66 to 19.98mm	f=6.42 to 32.1mm
	35mm Film Equivalent		Approx. 38 to 114mm	Approx. 37 to 185mm
Zoom			Optical Zoom	
			3X	5X
	Digital Zoom		4X (12X in combination with optical zoom)	4X (20X in combination with optical zoom)
Focusing			Focus Type	
			Contrast Detection Auto Focus	
	Focus Modes		Auto Focus, Macro Mode, Pan Focus, Infinity Mode, Manual Focus	
	AF Area		Spot, Free or Tracking	
	AF Assist Lamp		Yes	
Focus Range* ¹ (From Lens Surface)			Auto Focus	
			Approx. 40cm to Infinity (W)	Approx. 40cm to Infinity (W)
	Macro		Approx. 10cm to 50cm (W)	Approx. 3cm to 50cm (W)
	Infinity Mode		Infinity (W)	
	Manual Focus		Approx. 10cm to Infinity (W)	Approx. 3cm to Infinity (W)
Exposure			Exposure Metering	
			Multi-pattern, center weighted, spot by imaging element	
	Exposure Control		Program AE	
	Exposure Compensation		-2EV to +2EV (in 1/3EV steps)	
Shutter Type			CMOS electronic shutter, mechanical shutter	
	Shutter Speed* ²		Auto	
			1 to 1/1250 second (high-speed continuous shutter: up to 1/40000 second)	1 to 1/1000 second (high-speed continuous shutter: up to 1/40000 second)
	Night Scene (BEST SHOT)		4 to 1/1250 second	4 to 1/1000 second
Aperture* ³			F3.9 (W) to F7.1 (W)* ⁴	
			F3.6 (W) to F8.5 (W)* ⁵	
White Balance			Auto WB, Daylight, Overcast, Shade, Day White FL, Daylight FL, Tungsten, Manual WB	
Sensitivity (SOS)* ⁶			Still Images	
			Auto, ISO100, ISO200, ISO400, ISO800, ISO1600	
	Movies		Auto	

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Other Recording Functions	Image Stabilization Mechanism	No	CMOS-shift image atabilization	
	Prerecord Still Images*7	Yes		
	Slow Motion View*7	Yes		
	Lag Correction*7	Yes		
	BEST SHOT	Yes: 21 scenes		
		High Speed Anti Shake*7	Yes	
		High Speed Night Scene*7	Yes	
		High Speed Best Selection*7	Yes	
		Multi-motion Image*7	Yes	
		Move Out Continugus Shutter*7	Yes	
		Move In Continugus Shutter*7	Yes	
		Prerecord Movie	Yes	
YouTube™ Capture Mode	Yes			
Face Detection	Yes			
Self-timer	10 seconds, 2 seconds, Triple Self-timer			
Built-in Flash	Flash Modes	Auto, Flash Off, Flash On, Red Eye Reduction		
Monitor Screen	2.5-inch TFT color LCD (Super Clear LCD), 230,400 dots (960 x 240)		2.7-inch TFT color LCD (Super Clear LCD), 230,400 dots (960 x 240)	
Timekeeping Functions	Date and Time	Recorded with image data		
	On-image Time Stamp Function	Yes		
	Auto Calendar	To 2049		
	World Time	162 cities in 32 time zones, city name, date, time, summer time		
Input/Output Terminals		USB/AV port		
	USB	Hi-Speed USB		
Microphone	Monaural			
Speaker	Monaural			
Power Requirements	Rechargeable lithium ion battery (NP-60) x 1	Rechargeable lithium ion battery (NP-40) x 1		
Dimensions (Excluding Projections)	97.1 (W) x 59.4 (H) x 16.3 (D)mm		99.8 (W) x 58.5 (H) x 22.6 (D)mm	
Weight (Excluding Battery and Accessories)	Approx. 119g		Approx. 145g	
Bundled Accessories	Rechargeable lithium ion battery, lithium ion battery charger, AC power cord, USB cable, AV cable, strap, CD-ROM			

*1. Range is affected by optical zoom. *2. May differ according to camera setting. *3. Aperture changed by optical zoom or recording mode. *4. F7.1 is the aperture when an ND filter is being used. *5. F8.5 is the aperture when an ND filter is being used. *6. SOS: Standard Output Sensitivity. *7. Maximum image size 2816 x 2112 pixels.