

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	Still Images	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, Eye-Fi Wireless Card compatible		
Number of Recorded Pixels	Still Images	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. 38.1 to 114.3mm	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		

		HIGH SPEED EXILIM		
		EX-FS10	EX-FC100	
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. 121g		Approx. 146g	
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.