

EX-H10 Specifications

		EXILIM Hi-Zoom	
		EX-H10	
Number of Effective Pixels		12.10 million	
Image Sensor		1/2.3-inch square pixel CCD	
Total Pixels		12.39 million	
File Format	Still Images	JPEG (Exif Version 2.2, DCF 1.0 standard, DPOF compliant)	
	Movies	AVI format, Motion JPEG, IMA-ADPCM (monaural)	
	Audio (Voice Recording)	WAV format (monaural)	
Built-in Flash Memory (Image Area)		35.7MB* ¹	
Recording Media		SDHC Memory Card, SD Memory Card* ²	
Number of Recorded Pixels	Still Images	12M (4000 x 3000), 3:2 (4000 x 2656), 16:9 (4000 x 2240), 8M (3264 x 2448), 5M (2560 x 1920), 3M (2048 x 1536), VGA (640 x 480)	
	Movies	HD: 1280 x 720 (24 fps) / STD: 640 x 480 (30 fps) / LP: 320 x 240 (15 fps)	
Recording Capacity (Maximum Image Size Setting)	Still Images (JPEG)	SD Memory Card 1GB* ³	Approx. 122 shots (Fine) / 234 shots (Normal) / 350 shots (Economy)
	Movies	Recording Time	Maximum Recording Time per File: 10 min.
		SD Memory Card 1GB* ³	Approx. 5 min. 27 seconds (HD)
Continuous Shutter	High-speed Continuous Shutter	Approx. 10 frames per second at 1280 x 960 pixels (Up to 20 shots) Approx. 4 frames per second at 1600 x 1200 pixels (Up to 8 shots)	
	Flash Continuous Shutter	Approx. 3 frames per second at 1600 x 1200 pixels (Up to 3 shots)	
Lens	Construction		11 lenses in 10 groups, including aspherical lens
	F-number		F3.2 (W) to F5.7 (T)
	Focal Length		f=4.3 to 43.0mm
	35mm Film Equivalent	Approx. 24 to 240mm	
Zoom	Optical Zoom		10X
	Digital Zoom		4X (40X in combination with optical zoom)
	HD Zoom		62.4X (image size: 640 x 480 pixels)
Focusing	Focus Type		Contrast Detection Auto Focus
	Focus Modes		Auto Focus, Macro Mode, Infinity Mode, Manual Focus
	AF Area		Spot, Multi or Tracking
	AF Assist Lamp		Yes
Focus Range* ⁴ (From Lens Surface)	Auto Focus		Approx. 15cm to infinity (W)
	Macro		Approx. 7cm to 50cm (First step from widest setting)
	Infinity Mode		Infinity (W)
	Manual Focus		Approx. 15cm 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	CCD electronic shutter, mechanical shutter		
	Shutter Speed* ⁵	Auto	1/2 to 1/2000 second
		Night Scene	4 to 1/2000 second
Aperture* ⁴		F3.2 (W) to F7.5 (W)* ⁶	
White Balance		Auto WB, Daylight, Overcast, Shade, Day White FL, Daylight FL, Tungsten, Manual WB	
Sensitivity (SOS/REI)* ⁷	Still Images	Auto, ISO64, ISO100, ISO200, ISO400, ISO800, ISO1600, ISO3200	
	Movies	Auto	

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Other Recording Functions	Image Stabilization Mechanism	CCD-shift image stabilization	
	Make-up Mode	Yes (12-level steps)	
	Landscape Mode	Yes (Vivid Landscape: 2-level steps / Mist Removal: 2-level steps)	
	Handheld Night Scene	Yes	
	Lighting Function	Yes	
	BEST SHOT		Yes: 38 scenes
		Dynamic Photo	Yes
		Multi-motion Image ^{*8}	Yes
		YouTube™ Capture Mode	Yes
		AUTO BEST SHOT	Yes
	Voice Recording	Yes	
Face Detection	Yes		
Auto Shutter	Yes		
Self-timer		10 seconds, 2 seconds, Triple Self-timer	
Built-in Flash	Flash Modes	Auto, Flash Off, Flash On, Soft Flash, Red Eye Reduction	
	Flash Range ^{*4}	Approx. 0.2 to 3.6m (W), approx. 0.5 to 2.0m (T)	
Monitor Screen		3.0-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-90) x 1	
Battery Life	Number of Shots ^{*9} (CIPA Standards)	Approx. 1000 still images	
	Continuous Playback (Still Images)	Approx. 11 hr.	
	Continuous Recording (Voice Recording)	Approx. 21 hr. 30 min.	
Dimensions (Excluding Projections)		102.5 (W) x 62.0 (H) x 24.3 (D)mm	
		Thinnest part: 22.1mm	
Weight (Excluding Battery and Accessories)		Approx. 164g	
Bundled Accessories		Rechargeable lithium ion battery, lithium ion battery charger, AC power cord, USB cable, AV cable, strap, CD-ROM	

*1. Built-in memory capacity after formatting. *2. Compatible with Eye-Fi Card, an SD memory card-type wireless LAN. *3. When using Panasonic Pro High Speed 1GB SD Memory Card. *4. Range is affected by optical zoom. *5. May differ according to camera settings. *6. F7.5 is the aperture when an ND filter is being used. *7. SOS: Standard Output Sensitivity. REI: Recommended Exposure Index. *8. Image size 2048 x 1536 pixels. *9. Auto Mode, standard brightness monitor setting.

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