

Imaging Processor	DIGIC 6	
Image Sensor		
Camera Effective Pixels	Approx. 20.2 megapixels (aspect ratio: 3:2)	
Sensor Size	1.0 inch type	
Lens		
Focal Length	25x zoom:	8.8 (W) - 220.0 (T) mm 35mm film equivalent: 24 (W) - 600 (T) mm
Focusing Range	5cm (2.0 in.) - infinity (W), 85 cm (2.8 ft.) - infinity (T)	
	Macro:	5 - 50cm (W) (2.0 in. - 1.6 ft. (W))
Image Stabilizer (IS) System	Lens-shift type	
LCD Monitor		
Type	3.2-inch type, TFT color LCD with wide viewing angle	
Effective Pixels	Approx. 1, 620,000 dots	
Aspect Ratio	3:2	
Features	Touch-screen panel (capacitive type), Vari-Angle	
Focus		
Control System	Autofocus: Continuous, Servo AF Manual Focus	
AF Frame	Face AiAF, 1-point • Touch AF is available	
Metering System	Evaluative, Center-weighted average, Spot	
ISO Speed (Standard Output Sensitivity, Recommended Exposure Index)	AUTO, ISO 125 – ISO 12800 1/3-stop increments	
Shutter Speed	1 - 1/2000sec. 30 - 1/2000sec. (in Tv Mode) (BULB) - 1/2000sec. (in M Mode)	
Aperture		
Type	Iris diaphragm	
f/number	f/2.8 - f/11 (W), f/5.6 - f/11 (T)	
Flash		
Modes	Auto, On, Slow Synchro, Off	

Range	60cm – 6.8m (W), 85cm - 3.1m (T) (2.0 in. – 22 ft. (W), 2.8 in. - 10ft. (T))	
Hotshoe	Available	
Shooting Specifications		
Shooting Modes	<p>C2, C1, M, Av, Tv, P, Hybrid Auto, Auto, Creative Shot, Sports, SCN*¹, Creative Filters*², Movie*³</p> <p>*¹ Portrait, Smart Shutter*⁴, Star*⁵, Handheld Night Scene, Snow, Fireworks</p> <p>*² High Dynamic Range, Nostalgic, Fish-eye Effect, Miniature Effect, Toy Camera Effect, Background Defocus, Soft Focus, Monochrome, Super Vivid, Poster Effect</p> <p>*³ Standard, Short Clip, Manual (Movie), iFrame Movie</p> <p>*⁴ Smile, Wink Self-timer, Face Self-timer</p> <p>*⁵ Star Nightscape, Star Trails, Star Time-Lapse Movie</p> <p>Shooting movies is possible with the movie button</p>	
Continuous shooting (AUTO, P Mode)	Approx. 5.9 shots/sec.	
Number of Recording Pixels	Still Images: (4:3)	<p>4:3</p> <p>Large: 4864 x 3648</p> <p>Medium 1: 3840 x 2880</p> <p>Medium 2: 2048 x 1536</p> <p>Small: 640 x 480</p>
	Still Images: (3:2)	<p>3:2</p> <p>Large: 5472 x 3648</p> <p>Medium 1: 4320 x 2880</p> <p>Medium 2: 2304 x 1536</p> <p>Small: 720 x 480</p>
	Aspect Ratio:	16:9 / 3:2 / 4:3 / 1:1
	Movies:	<p>iFrame Movie: 1920 x 1080</p> <p>Short Clip: 1280 x 720</p> <p>Miniature Effect: 1280 x 720 / 640 x 480</p> <p>Other than the above: 1920 x 1080 / 1280 x 720 / 640 x 480</p>
Power Supply	Battery Pack NB-10L	
Number of Shots (CIPA Compliant)	Approx. 300 images	

Number of Shots (Eco Mode)	Approx. 410 images
Movie Recoding Time (Actual Usage Time)	Approx. 1hr. 5min.
Dimensions (CIPA compliant)	123.3 x 76.5 x 105.3mm (4.85 x 3.01 x 4.15in.)
Weight (CIPA compliant)	Approx. 733g (1.62lb.) (including the battery and memory card)
Other Features	Wi-Fi, NFC, Control Ring

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