

A1255 Specification

Effective Image Sensor Pixels	12.2 Megapixels	
Image Sensor	12.4 Megapixels [1/2.33" Charge Coupled Device (CCD)]	
Lens	Focal Length F =	6.3 mm (Wide) — 31.5 mm (Tele)
	[35mm film equivalent]	[35 mm (Wide) — 175 mm (Tele)]
	F number	f / 3.0 (Wide) — f / 4.7 (Tele)
	Lens Construction	9 elements in 7 groups
	Optical Zoom	5x
Focusing Range		Normal: (Wide) 23.6 in. ~ ∞ / 60 cm ~ ∞, (Tele) 31.5 in. ~ ∞ / 80 cm ~ ∞
		Macro: (Wide) 2.0 in. ~ 31.5 in. / 5 cm ~ 80 cm, (Tele) 23.6 in. ~ ∞ / 60 cm ~ ∞
Anti-Handshake	Electronic Image Stabilization	
Digital Zoom	5.7x Digital Zoom (Combined Zoom: 28.5x)	
Number of Recording Pixels	Still Image	12MP: 4000×3000, (3:2) 10MP:4000×2672, (16:9) 9MP: 4000×2248, 10MP: 3648×2736 8MP: 3264×2448, 5MP: 2560×1920, 3MP: 2048×1536, 0.3MP: 640×480
	Movie	640×480pixels: 30fps / 15fps, 320×240pixels: 30fps / 15fps
Image Compression	Best, Fine, Normal	
DCF, DPOF (Ver1.1) Support	Yes	
File Format	Still Image	Exif 2.2 (JPEG)
	Movie	Movie Format: Quick Time Motion JPEG, Audio: G.711 [Monaural]
	Audio	WAVE [Monaural] (Max 60 seconds)
Shooting Modes	Auto, Manual, A SCN, Image Stabilization, Scene (Sport, Children, Indoor, Leaf, Snow, Sunset, Fireworks, Glass, Museum, Landscape, Night Landscape, Night Portrait), Panorama, Movie, Portrait	
Detection Features	Face, Smile, Blink	
Red-eye Removal	Yes	
LCD Display		2.7 inch (230,400 pixels)TFT-LCD
		Auto Adjust Brightness LCD
ISO Sensitivity	Auto, ISO80 / 100 / 200 / 400 / 800 / 1600	
AF Method	Single AF, Multi-AF (TTL 9-point), Face-Detection+Face AE, AF Assist Light (On / Off)	
Exposure Metering Method	Artificial Intelligence AE (Ai AE), Center-weighted Average, Spot (Fixed to center of frame)	
Exposure Control Method	Program AE (AE-lock available)	
Exposure Compensation	± 2 EV in 1/3 Step increments	
Shutter Speed	4 ~ 1/2000 seconds (Manual: 30 seconds)	
Continuous Shooting	Approx. 1.8 fps (Large / Fine Mode)	
Playback Modes		Single Photo, Index (4 / 9 / 16 thumbnails), Slide Show, Movie (Slow-Motion possible)
		Zoom (Approx. 2x~ 8x), Audio, Histogram Display
White Balance Control	Auto (AWB), Daylight, Cloudy, Fluorescent, CWF, Incandescent, Manual	
Internal Flash (Shooting Range)		Auto, Red-Eye Reduction, Forced Flash, No Flash, Slow Synchro, Red-Eye Reduction + Slow Synchro
		Gno. 5.3 (ISO 100)
		Shooting Range: (Wide) Approx. 23.6 in. ~ 192.9 in. / Approx. 0.6 m ~ 4.9 m (Tele) Approx. 31.5 in. ~ 122.0 in. / Approx. 0.8 m ~ 3.1 m (ISO 800)
Recording Media		Internal Memory: 18 MB
		SD Card / SDHC Card (Up to16 GB support)
Other Features	PictBridge, ExifPrint Support, Multi-language Support (26 languages)	
Jacks	USB2.0 / AV-OUT (Integrated Proprietary Connector)	
Power	2 x AA Alkaline Battery, AA NiMH Battery [Not Included]	
Shooting Capability (Battery Performance)		Approx. 180 shots for AA Alkaline Batteries (based on CIPA Standards) TBD
		Approx. 360 shots for AA NiMH Batteries (based on CIPA Standards)
		(NiMH Battery: 2500mAh / pcs) [Not Included]
Operation Environment	Temperature: 32 ~ 104 F / 0 ~ 40°C, Humidity: 0 ~ 90%	
Dimensions (W x H x D)	3.67 in. × 2.4 in. × 0.95 in. ~ 1.07 in. / 93mm × 61 mm × 24.1 mm ~ 27.1 mm	
Mass	Approx. 4.6 oz. / 130g (Body only) TBD	
Supplied Accessories		AA Alkaline Batteries, USB Cable
		Wrist Strap, CD-ROM, Manual
		Quick Start Guide, Feature Guide, Warranty Card