

A950 Specifications

Effective Image Sensor Pixels	9.1 Megapixels	
Image Sensor	9.4 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	9MP: 3456×2584, (3:2) 8MP: 3456×2304, (16:9) 7MP: 3456×1944 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, Image Stabilization, Scene (Sport, Children, Indoor, Leaf, Snow, Sunset, Fireworks) Glass, Museum, Landscape, Night Landscape, Night Portrait, Panorama, Portrait	
Detection Features	Face, Smile, Blink	
Red-eye Removal	Yes	
LCD Display	2.5 inch (230,400 pixels)	
	Auto Adjust Brightness LCD	
ISO Sensitivity	Auto, ISO 64 / 100 / 200 / 400 / 800 / 1600	
AF Method	Single AF, Multi-AF (TTL 9-point), Face-Detection, 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	1/2 ~ 1/2000 seconds (Manual: 30 seconds)	
Continuous Shooting	Approx. 1.65 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, Slow Synchro, Red-Eye Reduction + Slow Synchro	
	Gno. 5.3 (ISO 100)	
	Shooting Range: (Wide) Approx. 11.8 in. ~ 192.9 in. / Approx. 0.3 m ~ 4.9 m (Tele) Approx. 11.8 in. ~ 122.0 in. / Approx. 0.3 m ~ 3.1 m (ISO 800)	
Recording Media	Internal Memory: 24 MB	
	SD Card / SDHC Card (Up to 8 GB support)	
Other Features	PictBridge, ExifPrint Support, Multi-language Support (31 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. 150 shots for AA Alkaline Batteries (based on CIPA Standards)	
	Approx. 430 shots for AA NiMH Batteries (based on CIPA Standards)	
	(NiMH Battery: 2500mAh / pcs) [Not Included]	
Operation Environment	Temperature: 32 ~ 104 F / 0 ~ 40C, Humidity: 0 ~ 90%	
Dimensions (W x H x D)	3.6 in. x 2.4 in. x 0.9 in. ~ 1.0 in. / 91 mm x 61 mm x 24.1 mm ~ 25.6 mm	
Mass	Approx. 5.1 oz. / 145g (Body only)	
Supplied Accessories	AA Alkaline Batteries, USB Cable	
	AV Cable, Wrist Strap, CD-ROM, Manual	
	Quick Start Guide, Warranty Card	

