



Digital Camera
OPTIMA 147

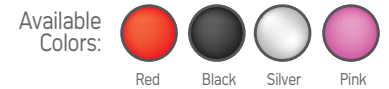
- 14.1 MP
- 7x Optical Zoom with Image Stabilization
- 3.0" Auto Brightness LCD
- Built-in USB
- Embedded features:
 - Face, Smile and Blink Detection
 - Red Eye Removal
 - Pan Capture Panorama
 - One-Click Upload

**Versatility
without
Compromise**



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Number of Active Pixels		14.1 Megapixels
Image Sensor		14.48 Megapixels
Lens	Optical Zoom	7x
	Focal Length f	5.9 mm (Wide) – 41.3 mm (Tele)
	35 mm film equivalent	[32.9 mm (Wide) – 230.3 mm (Tele)]
	F number	f / 3.4 (Wide) – f / 5.7 (Tele)
	Lens Construction	7 groups 9 elements including 2 aspherical lens elements
Focusing Range		Normal: (Wide) 23.6 in. ~ infinite / 60 cm ~ infinite, (Tele) 31.5 in. ~ infinite / 80 cm ~ infinite Macro: (Wide) 2.0 in. ~ infinite / 5 cm ~ infinite, (Tele) 23.6 in. ~ infinite / 60 cm ~ infinite
Anti-Handshake		Digital Image Stabilization
Digital Zoom		6x Digital Zoom (Combined Zoom: 42x)
Number of Recording Pixels		
Still Image	14MP: 4320X3240, (3:2) 12MP: 4320X2880, (16:9) 10MP: 4320X2432, 8MP: 3264X2448, 5MP: 2592X1944, 3MP: 2048X1536, 0.3MP: 640X480	
	Movie	1280x720 pixels: 30 fps / 15 fps, 640X480 pixels: 30fps / 15fps, 320X240 pixels: 30fps / 15fps
Image Compression		Best, Fine, Normal
DCF, DPOF (Ver1.1) Support		Yes
File Format	Still Image	Exif 2.2 (JPEG)
	Movie	Movie Format: MOV (Motion JPEG), Audio: G.711 (Monaural)
Shooting Modes		
		Auto, Manual, ASCN, Image Stabilization, Scene (Landscape, Sport, Beach, Sunset, Fireworks, Night Landscape, Night Portrait, Party, Children, Indoor, Snow, ID, Museum, Photo Frame, Panning Shot, Text, Leaf, Glass, Fisheye, Sketch), Panorama, Portrait, Movie
Detection Features		Face, Smile, Blink
Red-eye Removal		Yes
High Dynamic Range		Yes
LCD Display		3.0 inch (234,400 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
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. 1.4 fps (Large / Fine Mode)

Playback Modes	Single Photo, Index (9 / 16 thumbnails), Date, Slide Show, Movie
White Balance Control	Zoom (Approx. 2x ~ 8x), Histogram Display Auto (AWB), Daylight, Cloudy, Fluorescent, CWF, Incandescent, Manual
Internal Flash	Auto, Red-Eye Reduction, Forced Flash, No Flash, Slow Synchro, Red-Eye Reduction + Slow Synchro Gno. 5.0 (ISO 100 D=1.5m) Shooting Range: (Wide) Approx 23.6 in. ~ 203.0 in. / Approx. 0.6 m ~ 5.1 m (Tele) Approx. 31.5 in. ~ 121.1 in. / Approx. 0.8 m ~ 3.0 m (ISO 800)
Recording Media	Internal memory (Availbale: 50MB, Total: 64MB) SD Card / SDHC Card (Up to 32GB support) *1
Other Features	PictBridge, ExifPrint Support, Multi-language Support (26 languages)
Jacks	Built-in USB arm (up to 2.0 speed)
Power	Rechargeable Lithium-Ion Battery GB-50, 3.7V 880mAh, Built-in charging circuit
Shooting Capability (Battery Performance)	Approx. 300 shots For GB-50 (based on CIPA Standards)
Operation Environment	Temperature: 32 ~ 104 F / 0 ~ 40°C, Humidity: 0 ~ 90%
Dimensions (W x H x D)	3.9 in. x 2.2 in. x 0.8 in. ~ 0.94 in. / 99.5mm x 56.9mm x 21.23~23.95mm
Mass	Approx. 4.6oz / 129g (Body only)
Supplied Accessories	Rechargeable Lithium-Ion Battery, AC Adaptor, USB extension Cable Wrist Strap, CD-ROM, Manual Quick Start Guide, Feature Guide, Warranty Card



*1: Nonsupport MMC Card
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