



Digital Camera

OPTIMA 3



- 14.0 MegaPixel CCD sensor
- 8x wide angle optical zoom
(28 ~ 224 mm equivalent 35 mm)
- 3.0" TFT LCD display
- Panorama mode
- Intelligent scene modes
- HD video (1280 x 720)
- Optical image stabiliser (OIS)



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Technical details

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Image sensor			
Sensor	14.0 MegaPixel CCD sensor		
Optics			
Lens type	12 elements in 8 groups		
Focal length	f = 5.1 (W) ~ 40.8 (T) mm		
Equivalent to 35mm camera	28 (W) ~ 224 (T) mm		
Brightness	F/ 3.3 (W), 5.8 (T)		
Shutter speed	4 ~ 1/2000 second, (Manual 30 sec)		
Zoom			
Optical zoom, digital zoom	8x, 6x		
Focusing			
Focus range (normal)	60 cm ~ infinity (W), 100 cm ~ infinity (T)		
Focus range (macro)	5 cm ~ infinity (Wide only)		
Exposure			
Exposure compensation	-2 EV to +2 EV in 1/3 steps		
Exposure metering	Artificial Intelligence AE (AiAE), center-weighted average, spot (Fixed to center of frame)		
Exposure control	Program AE (AE-lock available)		
ISO	Auto, 80, 100, 200, 400, 800, 1600, 3200		
White balance	Automatic (AWB), daylight, cloudy, fluorescent, CWF, incandescent, manual		
LCD			
Display	3.0" TFT LCD display		
Resolution	960 (W) x 240 (H)		
Memory			
Memory (internal)	32 MB		
Memory (external)	SD card / SDHC card (Up to 16 GB support)		
Resolution			
Still image	14 MP: 4320 x 3240, 10 MP: 4320 x 2880 (3:2), 10 MP: 4320 x 2432 (16:9), 8 MP: 3264 x 2448, 5 MP: 2592 x 1944, 3 MP: 2048 x 1536, 2 MP: 1920 x 1080, 0.3 MP: 640 x 480		
Video	1280 x 720, 640 x 480, 320 x 240		
Video frame rate	30 fps, 15 fps		
File formats			
Still image	JPEG (EXIF 2.2 compatible), DCF, DPOF (Ver1.1)		
Video	MPEG-4/ H.264		
Flash modes			
Flash light	Automatic, red eye reduction, red eye reduction & slow sync, forced flash, slow sync, on/ off		
Flash range	Approx. 0.3 m ~ 5.1 m (W)/ approx. 1.0 m ~ 2.8 m (ISO 800) (T)		
Scene modes			
Scene modes	Automatic, intelligent scene modes, manual, sport, indoor, snow, fireworks, museum, night landscape, children, leaf, sunset, glass, landscape, night portrait, portrait, panorama, video		
Interfaces			
USB 2.0	Full speed		
TV out	PAL/ NTSC		
HDTV out	Supported		
Power source			
Power supply	Lithium-ion battery (D016, 3.7V 700 mAh)		
Auto power off	1 min., 3 min., 5 min.		
Others			
Camera dimensions	98.5 x 57.3 x (21~24.8) mm		
Body	Metal		
Weight	146 g		
Accessories			
Accessories	USB cable, lithium-ion battery, battery charger, power cord, hand strap, CD-Rom software , quick guide		
Logistics			
Item number	06999		
Bar code	4004781069993		
UPC code	884375069998		
Packaging size	145 x 140 x 58 mm		
Packaging unit	10		
Weight (packaging)	approx. 430 g		
Weight (packaging unit)	approx. 4.73 kg		
Dimensions (packaging unit)	approx. 32.5 x 29.5 x 18.5 cm		
Dealer stamp			
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