

OPTIMA 830UW

8.0 MegaPixel

- ▶ 8.0 MegaPixel CCD sensor
- ▶ 3x internal optical zoom, 4x digital zoom
- ▶ 2.5" TFT LCD display
- ▶ Movie recording with sound
- ▶ 32 MB internal memory
- ▶ Supports SDHC card format
- ▶ 24 scene modes
- ▶ Lithium-ion battery
- ▶ Metal body



Highlights

- ▶ 10 meter water resistant, 2 bar - atm
- ▶ 1 meter shock resistant
- ▶ Panorama stitching (ArcSoft® Panorama Maker 4.0)
- ▶ Face tracking
- ▶ Smile detection



OPTIMA 830UW

Technical details

► Image sensor

Sensor	8.0 MegaPixel CCD sensor
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► Optics

Equivalent to 35mm camera	38 (W) ~ 114 (T) mm
Focal length	f= 6.3 (W) ~ 18.9 (T) mm
Brightness	F/ 3.5 (W), 4.5 (T)
Shutter speed	1/ 1000 ~ 1 sec.

► Zoom

Digital zoom	4x
Optical zoom	3x (internal)

► Focusing

Focus range (normal)	1 cm ~ infinity (W), 40 cm ~ infinity (T)
Focus range (macro)	40 cm ~ infinity (W/T)

► Exposure

Exposure compensation	-2 EV to +2 EV in 0.5 steps [-2.0, -1.5, -1.0, -0.5, 0.0, +0.5, +1.0, +1.5, +2.0]
Exposure metering	Center, spot, average
Exposure control	Automatic
ISO	Automatic, 64, 100, 200, 800, 1600
White balance	Manual, daylight, cloudy, incandescent, fluorescent_1, fluorescent_2, blue water, algae water, clear water

► LCD

Display	2.5" TFT LCD display
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► Memory

Memory internal	32 MB
Memory external	SD card: up to 2 GB; SDHC card: up to 8 GB

► Resolution

Still images	3264 x 2448, 2816 x 2112, 2272 x 1704, 1600 x 1200, 640 x 480
Video	640 x 480, 320 x 240
Video frame rate	25 fps

► File formats

Still image	JPEG (EXIF 2.2 compatible), DCF format
Video	Motion JPEG

► Scene modes

Scene modes	Smile shot, UW-normal, UW-macro, UW-sports, digital stabilizer, panorama, portrait man/ lady, landscape, sports, night portrait, night scene, candlelight, text, sunset, sunrise, splash and flowing water, snow, beach, pets, natural green, user setting, fireworks
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► Flash modes

Flash light	Automatic, red eye reduction, slow sync, pre-flash, on/ off
Flash range	0.5 m ~ 2.4 m (W), 0.5 m ~ 2.1 m (T)

► Interfaces

USB	2.0
TV-out	PAL/ NTSC

► Power source

Power supply	Lithium-ion battery
Selftimer	10 sec., 2 sec, 10+2 sec.

► Others

Camera dimensions	95 x 20.5 x 59.5 mm
Body	Metal
Weight	158 g

► Accessories

	USB & AV cable, pouch, hand strap, lithium-ion battery, battery charger, power cord, CD software, quick guide
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► Logistics

Item number	06904
Barcode	40047810690407
UPC	884375069042
Packaging size	22.5 x 16.1 x 8.7 cm
Packaging unit	5
Weight (packaging)	TBD
Weight (packaging unit)	TBD
Dimensions (packaging unit)	46 x 25 x 19 cm

Dealer stamp

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