

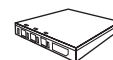
OPTIMA 1438m

10.0 MegaPixel

- ▶ 10.0 MegaPixel CCD sensor
- ▶ 4x optical zoom, 4x digital zoom
- ▶ 3.0" TFT LCD display
- ▶ Supports SDHC card format
- ▶ Movie recording with sound
- ▶ 23 scene modes
- ▶ Lithium-ion battery
- ▶ Metal body

Highlights

- ▶ Wide angle
- ▶ Face tracking
- ▶ Digital stabilizer
- ▶ Smile detection



OPTIMA 1438m

Technical details

► Image sensor

Sensor	10.0 MegaPixel CCD
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► Optics

Lens and type	6 elements in 7 groups
Focal length	f = 5.8 (W) ~ 23.2 (T) mm
Equivalent to 35mm camera	32 (W) ~ 128 (T) mm
Brightness	F/ 3.1 (W), 5.6 (T)
Shutter speed	1/2000 ~ 2 sec.

► Zoom

Optical zoom	4x
Digital zoom	4x

► Focusing

Focus range (normal)	30 cm ~ infinity (W), 50 cm ~ infinity (T)
Focus range (macro)	5 cm ~ infinity (W), 50 cm ~ infinity (T)

► Exposure

Exposure compensation	-2 EV to +2 EV in 1/3 steps, (-2.0, -1.7, -1.3, -1.0, -0.7, -0.3, 0.0, +0.3, +0.7, +1.0, +1.3, +1.7, +2.0)
Exposure metering	Center, spot, average
Exposure control	Automatic/ manual
ISO	Automatic, 64, 100, 200, 400, 800, 1600
White balance	Automatic incandescent, daylight, manual, fluorescent 1, fluorescent 2, cloudy

► LCD

Display	3.0" TFT LCD
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► Memory

Memory internal	32 MB
Memory external	SD card: up to 2 GB; SDHC card: up to 16 GB

► Resolution

Still image	3648 x 2736, 2816 x 2112, 2272 x 1704, 1600 x 1200, 640 x 480
Video	640 x 480, 320 x 240
Video frame rate	30 fps

► File formats

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

► Flash modes

Flash light	Automatic, red eye reduction, slow sync, pre-flash, on/ off
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► Scene modes

Scene modes	Programm AE, smile shot, anti-shake, panorama, portrait man/ lady, sports, landscape, night portrait, night scene, candlelight, fireworks, text, sunset, sunrise, splash water, flowing water, snow, beach, pets, natural green, user setting movie
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► Interfaces

USB 2.0	High speed
TV out	PAL/ NTSC

► Power source

Power supply	Lithium-ion battery
Auto power off	1 min., 2 min., 3 min., off

► Others

Camera dimensions	95 x 57 x 22.7 mm
Body	Metal
Weight	130 g

► Accessories

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

Item number	06905
Bar code	4004781069059
UPC code	884375069054
Packaging size	22.5 x 16.1 x 8.7 cm
Packaging unit	5
Weight (packaging)	TBD
Weight (packaging unit)	TBD
Dimensions (packaging unit)	TBD

Dealer stamp

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