



Digital Camera

OPTIMA 1



- 12.0 MegaPixel CCD sensor
- 5x optical wide angle zoom
- 2.7" TFT LCD display
- 29 scene modes
- Digital stabilizer
- Smile & blink detection
- Metal body



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Technical details

- 12.0 MegaPixel CCD sensor
- 5x optical wide angle zoom (28-140mm equivalent 35mm)
- 5x digital zoom
- 2.7" TFT LCD display
- 29 scene modes
- Digital stabilizer
- Smile & blink detection
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Image sensor

Sensor 12.0 MegaPixel CCD sensor

Optics

Lens type 9 elements in 4 groups
Focal length $f = 5.0$ (W) ~ 25.0 (T) mm
Equivalent to 35mm camera 28 (W) ~ 140 (T) mm
Brightness F/ 3.3 (W), 5.9 (T)
Shutter speed Auto: 1 ~ 1/2000 sec.
Manual: 15 ~ 1/2000 sec.

Zoom

Optical zoom, digital zoom 5x, 5x

Focusing

Focus range (normal) 80 cm ~ infinity (W/T)
Focus range (macro) 10 cm ~ 100 cm (W); 60 cm ~ 100 cm (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-weighted, multi, spot
Exposure control Automatic/ manual
ISO Auto, 50, 100, 200, 400, 800, 1600, 3200, 6400
White balance Automatic, daylight, cloudy, tungsten, fluorescent_H, fluorescent_L, customer

LCD

Display 2.7" TFT LCD display
Resolution 960 (W) x 240 (H)

Memory

Memory (internal) 32 MB
Memory (external) SD card: up to 4 GB; SDHC card: up to 32 GB

Resolution

Still image 4000 x 3000, 4000 x 2672 [3:2], 3264 x 2448, 2592 x 1944, 2048 x 1536, 1920 x 1080 [16:9], 640 x 480
Video 720 x 480 [16:9], 640 x 480 (share YouTube®), 320 x 240
Video frame rate 30 fps

File formats

Still image JPEG (EXIF 2.2 compatible), DCF format, DPOF compatible
Video MJPEG w/audio
Audio WAV

Flash modes

Flash light Automatic, red eye reduction, slow sync, on/ off

Scene modes

Scene modes PASM, intelligent scene, portrait, landscape, sunset, backlight, kids, night scene, fireworks, snow, sports, party, candlelight, night portrait, soft skin, soft flowing water, food, building, text, auction, smile detection, blink detection, pre-composition, love portrait, movie, voice recording

Interfaces

USB 2.0 Full speed
TV out PAL/ NTSC

Power source

Power supply Lithium-ion battery
Auto power off 1 min., 3 min., 5 min.

Others

Camera dimensions 91.1 x 58.3 x 22.5 mm
Body Metal
Weight 120 g

Accessories

Accessories USB cable, lithium-ion battery, battery charger, power cord (EU plug), hand strap, CD software, quick guide

Logistics

Item number 06936
Bar code 4004781069368
UPC code 884375069363
Packaging size 185 x 146 x 78 mm
Packaging unit 5
Weight (packaging) TBD
Weight (packaging unit) TBD
Dimensions (packaging unit) 412 x 164 x 215 mm

Dealer stamp

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