



Digital Camera

OPTIMA 102

12.0
MP

3X
Optical
zoom

3.0"
LCD

Smile
detection

Face
tracking

Blink
detection

Li-Ion
battery

Metal
body

- 12.0 MegaPixel CCD sensor
- 3x optical zoom, 5x digital zoom
- 3.0" TFT LCD display
- Face tracking
- Digital stabilizer
- Smile & blink detection



OPTIMA 102

Technical details

- 12.0 MegaPixel CCD sensor
- 3x optical zoom, 5x digital zoom
- 3.0" TFT LCD display
- Face tracking
- Digital stabilizer
- Smile & blink detection
- Intelligent scene
- HD image resolution (1920 x 1080)



Image sensor

Sensor 12.0 MegaPixel CCD sensor

Optics

Lens type 6 elements in 5 groups
 Focal length $f = 6.2$ (W) ~ 18.6 (T) mm
 Brightness F/ 3 (W), 5.6 (T)
 Shutter speed 1/2000 ~ 8 sec.

Zoom

Optical zoom, digital zoom 3x, 5x

Focusing

Focus range (normal) 80 cm ~ infinity (W/T)
 Focus range (macro) 5 cm ~ 100 cm (W), 30 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, 100, 200, 400, 800, 1600, 3200, 6400 (VGA)
 White balance Automatic, daylight, cloudy, tungsten, fluorescent_H, fluorescent_L, customer

LCD

Display 3.0" 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 400 (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 90 x 56.8 x 18.8 mm
 Body Metal
 Weight 105 g

Accessories

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

Logistics

Item number 06946
 Bar code 4004781069467
 UPC code 884375069462
 Packaging size 87 x 161 x 225 mm
 Packaging unit TBD
 Weight (packaging) TBD
 Weight (packaging unit) TBD
 Dimensions (packaging unit) TBD

Dealer stamp

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