



Digitalkamera

OPTIMA 103

12.0
MP

4X
Optical
zoom

Wide
angle

2.7"
LCD

Smile
detection

Face
tracking

Blink
detection

Red eye
removal

HDR
Image

Li-Ion
battery

Metal
body

- 12.0 MegaPixel CCD Sensor
- 4x optischer Weitwinkelzoom
- 2.7" TFT LCD Display
- 28 Motivmodi
- Selbsterklärende Menüführung
- HDR Bilder (High Dynamic Range)
- Metallgehäuse



OPTIMA 103

Technische Daten

- 12.0 MegaPixel CCD Sensor
- 4x optischer Weitwinkelzoom
- 2.7" TFT LCD Display
- 28 Motivmodi
- Display Bildbearbeitung
- Selbsterklärende Menüführung
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Bildsensor

Sensor 12.0 MegaPixel CCD sensor

Objektiv

Linse 6 elements in 5 groups
 Brennweite $f = 5.05$ (W) ~ 20.2 (T) mm
 Äquivalent 35 mm Kamera 28 (W) ~ 112 (T) mm
 Lichtstärke F/ 2.8 (W), 6.3 (T)
 Verschlusszeit 1/2000 ~ 1 sec.

Zoom

Optischer Zoom, Digitalzoom 4x, 5x

Fokussierung

Fokusreichweite (Normal) 70 cm ~ infinity (W), 100 cm ~ infinity (T)
 Fokusreichweite (Macro) 12 cm ~ 100 cm (W), 70 cm ~ 120 cm (T)

Belichtung

Belichtungsausgleich -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)
 Belichtungsvarianten Center-weighted, multi, spot
 Belichtungskontrolle Automatic/ manual
 ISO Auto, 100, 200, 400, 800, 1600, 3200
 Weißabgleich Automatic, daylight, cloudy, tungsten, fluorescent_H, fluorescent_L, customer

Display

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

Speichermedium

Interner Speicher 32 MB
 Externer Speicher SD card: up to 4 GB; SDHC card: up to 32 GB

Auflösung

Bild 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 (VGA)
 Video 1280 x 720 (16:9) only supported SDHC Class (6), 640 x 480 (share YouTube®), 320 x 240
 Bildwiederholrate 30 fps

Dateiformat

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

Blitzfunktion

Blitzlicht Automatic, red eye reduction, slow sync, on/ off

Motivmodus

Motivmodi PASM, automatic, intelligent scene, portrait, landscape, sunset, backlight, kids, night scene, fireworks, snow, sports, party, candlelight, night portrait, soft skin, soft flowing water, food, building, text, foliage, auction, smile detection, blink detection, pre-composition, love portrait, self portrait, HDR image, voice recording

Schnittstellen

USB 2.0 Full speed
 TV-out PAL/ NTSC

Stromversorgung

Stromversorgung Lithium-ion battery (NP45)
 Automatisches Abschalten 1 min., 3 min., 5 min.

Sonstiges

Abmessung 91.5 x 57.7 x 17.1 mm
 Gehäuse Metal
 Gewicht 100 g

Enthaltenes Zubehör

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

Logistik

Artikelnummer 06964
 Barcode 4004781069641
 UPC Code 884375069646
 Verpackung 185 x 146 x 78 mm
 VPE 5
 Gewicht (Verpackung) 600 g
 Gewicht (VPE) 3.36 kg
 Dimensionen 412 x 164 x 215 mm

Händlerstempel

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