



Digitalkamera

OPTIMA 104

12.0
MP

4X
Optical
zoom

Wide
angle

3.0"
LCD

Touch
screen

Face
tracking

Blink
detection

AF lamp

HDR
Image

Li-Ion
battery

Metal
body

- 12.0 MegaPixel CCD Sensor
- 4x optischer Weitwinkelzoom
- 7.6 cm (3.0") TFT LCD Touchscreen
- 30 Motivmodi
- Display Bildbearbeitung
- Selbsterklärende Menüführung
- HDR Bilder (High Dynamic Range)
- Metallgehäuse



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Technische Daten

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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	7.6 cm (3.0") TFT LCD touch screen		
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), 848 x 480 (16:9), 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	Automatic, program, 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, movie, 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	06969		
Barcode	4004781069696		
UPC Code	884375069691		
Verpackung	185 x 146 x 78 mm		
VPE	5		
Gewicht (Verpackung)	618 g		
Gewicht (VPE)	3.40 kg		
Dimensionen	412 x 164 x 215 mm		
Händlerstempel			

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