

Specifications

Type	Interchangeable-lens digital SLR camera
Number of effective pixels	Approx. 6.1 million (3016x2008)
CCD	1/2.5 inch-type interline primary-color Total pixels: 6.3 million, APS-C size (23.5mmx15.7mm) Interline primary-color, interlace scan
Focusing range	EV -1 to +18 (at ISO 100)
Recording media	Type I and Type II CompactFlash cards, Microdrive, SD memory card/ MultiMedia Card (with SD-CF1 in use)
File format	JPEG/ RAW/ RAW+JPEG [DCF 2.0 compliant, DPOF (supported by printing functions in ver. 1.1), Exif 2.2]
Number of recorded pixels	L: 3008x2000, M: 2256x1496, S: 1504x1000
Image quality modes	Standard, Fine, Extra-Fine, RAW, Raw+JPEG (Fine)
Viewfinder type	Eye-level fixed pentaprism (optical glass pentaprism)
LCD monitor	2.5 inch TFT color, Totalpixels: 207,000
Autofocus system	TTL phase-detection system with CCD line sensors (9 points 8 lines with center cross-hair sensor)
Autofocus area	Wide focus area, Any local focus area is selectable from 9 points sensors
Exposure control	P/ Full-auto program (Programmed AE with program shift), A (Aperture priority), S (Shutter priority), M (Manual)
Metering	TTL Metering using 14 segment. Honeycomb-pattern SPC. (14 segments Honeycomb-pattern/ Center-weighted, Spot metering)
Exposure compensation	±3EV in 1/2EV increments/ ±2EV in 1/3EV increments
Camera sensitivity	Automatic and 100, 200, 400, 800, 1600 and 3200 ISO equivalents
Shutter	Electronically-controlled, vertical-traverse, focal-plane shutter
Shutter speed range	30s - 1/4000s, Bulb, Flash sync.: 1/160s (Anti-shake OFF), 1/125s (Anti-shake ON)
Flash metering	ADI, Pre-flash TTL, Manual flash control
Guide number	12 (in meters at ISO 100), [17 (in meters at ISO 200)]
Flash compensation	±2EV in 1/2EV increments
White-balance control	Auto, Preset (Daylight, Shade, Cloudy, Flash, Tungsten, Fluorescent), Custom, Color temperature
Continuous advance	Approx. 3 fps, Maximum 9 frames (RAW, RAW+JPEG)
Color modes	Natural: sRGB, Natural+: sRGB, Adobe RGB
Image correction	Contrast, Color saturation, Sharpness, Hue (5 levels)
Playback function	Single-frame (Image only, Image and various statuses, Image and various statuses and Histogram), Index (Selectable from 4/9/16 frames), Enlarged playback (Up to approx 5x), Luminance limit display, File browser, Slideshow, Instant bracket playback
Printing output control	Exif Print, PRINT Image Matching II, PictBridge
Battery	One NP-400 lithium-ion battery
Battery performance	Approx. number of recorded image: 400 frames. (Conforming to CIPA stan test method with a compact flash card and NP-400 lithium-ion battery)
PC interface	USB 2.0 (High Speed)
AV output	PAL/ NTSC
Supported operation system	Windows 98/ Me/ 2000 (Professional)/ XP (Home/ Professional), Macintosh OS 9.0 - 9.2.2/ OS X v10.1.3 - 10.1.5/ v10.2.1 - 10.2.8/ v10.3 - 10.3.5
Dimensions	150 (W) x 106 (H) x 77.5 (D) mm
Weight	760g (without batteries and recording media)