Specifications

EOS-1Ds Mark II

Type

Type	Digital AF/AE SLR
Recording Medium	Type I or II CF card, SD memory card
Image Format	36.0 x 24.0mm
Compatible Lenses	Canon EF lenses (except EF-S lenses)
Lens Mount	Canon EF mount
Lens Focal Length Conversion Factor*	Approx. 1.0 times

Image Sensor

Type	High-sensitivity, high-resolution, large single-plate CMOS sensor
Pixels	Approx. 16.7 megapixels
Total Pixels	Approx. 17.2 megapixels
Aspect Ratio	3:2
Color Filter System	RGB primary color filter
Low-pass Filter	Located in front of the image sensor, non-removable

Recording System

Recording Format	JPEG and RAW, RAW+JPEG simultaneous recording provided. Backup image recording enabled (Same image recordable on CF card and SD memory card standards, MMC standards)
Image Format	JPEG, RAW (12-bit)
File Size	(1) L (Large): Approx. 5.5MB (4992 x 3328) (2) M1 (Medium1): Approx. 3.2MB (3600 x 2400) (3) M1 (Medium2): Approx. 2.6MB (3072 x 2048) (4) S (Small): Approx. 1.9MB (2946 x 1664) (5) RAW: Approx. 14.6MB (4992 x 3328) JPEG quality: can be set from 1 (min. quality, max. compression) to 10 (max. quality, min. compression).
Folders	Folder creation/selection enabled
File Numbering	(1) Consecutive numbering (2) Auto reset (3) Manual reset
Color Space	Five standard types plus two types that can be registered with custom color matrix
Image-processing Parameters	Standard parameters plus up to three custom processing parameters can be set
Interface	IEEE1394 for personal computers; USB for direct printing; Video output (NTSC/PAL)

White Balance

Settings	Auto, daylight, shade, cloudy, tungsten light, fluorescent light, flash, custom, color temperature setting, custom white balance (Total 10 settings)
Auto White Balance	Auto white balance with the image sensor
Color Temperature Compensation	White balance bracketing: +/-3 stops in full-stop increments White balance correction: +/-9 stops in full-stop increments *Blue/amber bias or magenta/green bias possible

Viewfinder

Type	SLR-type, fixed eye-level pentaprism
Coverage	Approx. 100% vertically and horizontally with respect to the effective pixels
Magnification	0.70x (-1 dpt with 50mm lens at infinity)
Eyepoint	20 mm
Dioptric Adjustment Correction	-3.0 - +1.0 diopter
Focusing Screen	Interchangeable (9 types), Standard focusing screen: Ec-CIII
Mirror	Quick-return half mirror (Transmission: reflection ratio of 37:63, no mirror cut-off with EF 1200mm f/5.6 or shorter lens)
Viewfinder Information	AF information (AF points, focus confirmation light), exposure information (shutter speed, aperture, manual exposure, spot metering circle, ISO speed, exposure level, exposure warning), flash information (flash ready, FP flash, FE lock, flash exposure level), white balance correction, JPEG recording, number of remaining shots, memory card information
Depth-of-Field Preview	Enabled with depth-of-field preview button (with Speedlite 580EX, 550EX, 420EX, MR-14EX, or MT-24EX, pressing the depth-of-field preview button fires a modeling flash)
Eyepiece Shutter	Built-in

Autofocus

Type	TTL-AREA-SIR with AF-dedicated CMOS Sensor
AF Points	45 AF points (Area AF) 8x15mm (vertical x horizontal)
AF Working Range	EV 0-18 (at ISO 100 at 20°C/68°F)
Focusing Modes	One-Shot AF (ONE SHOT); AI Servo AF (AI SERVO); Manual Focusing (MF)
AF Point Selection	Automatic selection, manual selection, home position (switch to registered AF point)
Selected AF Point Display	Superimposed in viewfinder and indicated on LCD screen
AF-assist Beam	Emitted by the dedicated Speedlite

Exposure Control

Metering Modes	21-zone TTL full aperture metering (1) Evaluative metering (linkable to any AF point) (2) Partial metering (approx. 8.5% of viewfinder at center) (3) Spot metering - Center spot metering (approx. 2.4% of viewfinder at center) - AF point-linked spot metering (approx. 2.4% of screen) - Multi-spot metering (Max. 8 spot metering entries) (4) Centerweighted averaged metering
Metering Range	EV 0-20 (at 20°C/68°F with 50mm f/1.4 lens, ISO 100)
Exposure Control Systems	Program AE (shiftable), Shutter-priority AE, Aperture-priority AE, E-TTL II autoflash, Manual, Flash metered manual
ISO Speed Range	Equivalent to ISO 100-1600 (in 1/3-stop increments), ISO speed can be expanded to ISO 50 and 3200 via menu selection
Exposure Compensation	AEB: +/-3 stops in 1/3-stop increments. Bracketing methods: 1. Shutter speed or aperture 2. ISO speed Manual: +/-3 stops in 1/3-stop (1 & 2), or 1/2 stop (1) increments (AEB can not be used in combination with 1 and 2)
AE Lock	Auto: Applied in One-Shot AF mode with evaluative metering when focus is

achieved. Manual: By AE lock button in all metering modes.

Shutter

Type	Electronically-controlled focal-plane shutter
Shutter Speeds	1/8000 to 30 sec. (1/3-stop increments), bulb, X-sync at 1/250 sec.
Shutter Release	Soft-touch electromagnetic release
Self-timer	10 sec. or 2 sec. delay
Remote Control	Remote control with N3 type terminal

External Speedlite

EOS External Flash or Dedicated Speedlites	E-TTL II autoflash with EX-series Speedlite
PC Terminal	Provided

Drive System

Drive Modes	Single, continuous (approx. 4fps), self-timer (10 sec.)
Continuous Shooting Speed	Approx. 4 fps (at 1/250 sec. or faster for all recording quality settings)
Max. Burst During Continuous Shooting	JPEG: Approx. 32 shots (Large, JPEG 8) RAW: Approx. 11 shots

LCD Monitor

Type	TFT color liquid-crystal monitor
Screen Monitor size	2.0 in.
Pixels	Approx. 230,000
Coverage	100% with respect to the effective pixels
Brightness Control	100% with respect to the effective pixels

Playback

Image Display Format	Single image, single image (INFO.), 4-image index, 9-image index, magnified zoom, manual/automatic rotation
Highlight Alert	In the single image and single image (INFO.) formats, the white portions which do not contain image information with blink.

Image Protection and Erase

Protection	Erase protection of one image, all images in a folder, or all images in the memory card can be applied or cancelled.
Erase	One image, all images in a folder, or all images in the memory card can be erased (except protected images).
Direct Printing from the Camera	Enabled
Compatible Printers	CP Direct, Bubble Jet Direct, and PictBridge-compatible printers
Settings	Printable images: JPEG images (Print ordering enabled with DPOF version 1.1)

Sound Recording

Recording Methods	The voice annotation recorded with the built-in microphone is attached to the image.
File Format	8 kHz sampling, 8-bit/sample WAV

Recording Time	Max. 30 sec. per recording (the audio recording for one image can be extended to over 30 sec.)

Menus

Menu Categories	Shooting menu, Playback menu, set-up menu
LCD Monitor Language	12 languages (English, German, Dutch, Danish, Finnish, Italian, Norwegian, Swedish, Spanish, Simplified Chinese and Japanese)

Power Source

Battery	One Ni-MH Pack NP-E3 AC power can be supplied via the AC adapter and DC coupler.
Number of Shots	At 20° C/68° F: Approx. 1200 At 0° C/32° F: Approx. 800 The above figures apply when a fully-charged Ni-MH Pack NP-E3 is used.
Battery Check	Automatic
Power Saving	Provided. Power turns off after 1, 2, 4, 8, 15, or 30 min. before turns off automatically after non-operation.

Dimensions and Weight

Dimensions (W x H x D)	6.1 x 6.2 x 3.1 in. / 156 x 157.6 x 79.9mm
Weight	42.9 oz. / 1215g (Body only. Battery: 11.8 oz. / 335g)

Operating Environment

Operating Temperature Range	0-45° C / 32-113° F
Operating Humidity Range	85% or less

Note: *All the specifications above are based on Canon's testing standards.
**The camera's specifications and physical appearance are subject to change without notice.