

Technical Specifications

DIGITAL SLR CAMERA		EOS-1Ds Mark III
IMAGE SENSOR		
Type		36 x 24 mm CMOS
Effective Pixels		Approx. 21.1M
Total Pixels		Approx. 21.9M
Aspect Ratio		3:2
Low-Pass Filter		Built-in/Fixed with Self Cleaning Sensor Unit
Colour Filter Type		Primary Colour
IMAGE PROCESSOR		
Type		2 x DIGIC III
LENS		
Lens Mount		EF (excludes EF-S lenses)
Focal Length		1.0x Multiplication with EF lens fitted
FOCUSING		
Type		TTL-AREA-SIR with a CMOS sensor
AF System/ Points		19 cross-type AF points (plus 26 Assist AF points)
AF working range		EV -1 - 18 (at 23°C & ISO 100)
AF Modes		One Shot AI Servo
AF Point Selection		Automatic selection, Manual selection, Home position (switch to registered AF point)
Selected AF point display		Superimposed in viewfinder
Predictive AF		Yes
AF Lock		Locked when shutter button is pressed half way in One Shot AF mode.
AF Assist Beam		Emitted by an optional dedicated Speedlite
Manual Focus		Selected on lens, default in Live View Mode
EXPOSURE CONTROL		
Metering modes		TTL full aperture metering with 63 zone SPC (1) Evaluative metering (linked to any AF point) (2) Partial metering (approx. 8.5% of viewfinder at centre) (3) Spot metering: Center spot metering (approx. 2.4% viewfinder at center) AF point-linked spot metering (approx. 2.4% of viewfinder) Multi/Spot metering (Max 8 spot metering entries) (4) Center weighted average metering
Metering Range		EV 0 - 20 (at 23°C with 50mm f1.4 lens ISO 100)
AE Lock		Auto: Operates in 1-shot AF mode with evaluative metering when focus is achieved Manual: By AE lock button in all metering modes
Exposure Compensation		+/-3 EV in 1/3 or 1/2 stop increments (can be combined with AEB).
AEB		+/-3 EV in 1/3-stop increments. 1/2-stop increments selectable with C.Fn I - 01
ISO Speed Equivalent		100-1600 (in 1/3-stop increments) ISO can be expanded to L: 50 or H: 3200 (selected with C.Fn I -03) ISO 200-1600 in Highlight Tone Priority (C.Fn II -03)
SHUTTER		
Type		Electronically-controlled focal-plane shutter
Speed		30 - 1/8000 sec. (1/3 stop increments), Bulb
Shutter release		Soft touch electromagnetic release
WHITE BALANCE		

	Type Settings	Auto white balance with the imaging sensor Auto, Daylight, Shade, Cloudy, Tungsten light, White Fluorescent light, Flash, Custom (5 settings), Colour Temperature Setting, Personal WB
	Personal White Balance	White balance compensation: 1. Blue/Amber +/-9 2. Magenta/ Green +/-9.
	WB Bracketing	5 personal WB settings can be registered +/-3 stops in full stop increments. 3 bracketed images per shutter release. Method: 1. Blue/Amber 2.Magenta/Green.
COLOUR MATRIX		
	Type	Two types of colour space, sRGB and Adobe RGB.
VIEWFINDER		
	Viewfinder Coverage (Vertical/Horizontal)	Pentaprism Approx. 100%
	Magnification	0.76x (4)
	Eyepoint	20mm
	Dioptre Correction	-3 to +1 dpt
	Focusing Screen	Interchangeable (10 types). Standard Focusing Screen Ec C IV
	Mirror	Quick-return half mirror (Transmission: reflection ratio of 37:63, no mirror cut-off with EF1200mm f5.6 or shorter)
	Viewfinder Information	AF information (AF points, focus confirmation light), Exposure information (metering mode, shutter speed, aperture, manual exposure, spot metering circle, AE lock, ISO speed, exposure level, exposure warning), Flash information (flash ready, FP flash, FE lock, flash exposure level), white balance correction, JPEG recording, RAW recording, number of remaining shots, maximum burst, memory card information, battery check icon.
	Depth of field preview	Yes
	Eyepiece shutter	Built-in
LCD MONITOR		
	Monitor	3.0" TFT, approx. 230K pixels Live View Mode with selectable grid and aspect ratio markings.
	Coverage	Approx. 100%
	Brightness	Adjustable to one of seven levels
FLASH		
	Modes	E-TTL II Auto Flash, Metered Manual
	HotShoe/ PC terminal	Yes/ Yes
	X-sync	1/250sec (EX series Speedlites only)
	Flash Exposure Compensation	+/-3 EV in 1/3 or 1/2 stop increments with EX series Speedlites
	Flash Exposure Bracketing	Yes
	Flash Exposure Lock	Yes
	Second Curtain Synchronisation	Yes
	External Flash	E-TTL II with EX series Speedlites, wireless multi-flash support.
SHOOTING		
	Modes	Program AE, Shutter priority AE, Aperture priority AE, Manual
	Photo Effects	Monochrome (selected from the "Picture Style" menu) with options for Filters and Toning Effects.

	Drive modes Continuous Shooting	Single / Silent / Continuous L/ Continuous H Max. Approx.5fps. (speed maintained for up to 56 images (JPEG), 12 images (RAW)) (2)
RECORDING PIXELS / COMPRESSION		
	Image Size	(L)5616x3744, (M1)4992x3328, (M2)4080x2720, (S)2784x1856, (RAW)5616x3744, (sRAW)2784x1856
	Compression	JPEG (1-10 settings, user selectable), RAW / sRAW (Canon RAW 2nd edition)
FILE FORMAT		
	Still Image Format	JPEG (Exif 2.21 [Exif Print] compliant) / Design rule for Camera File system (2.0), Digital Print Order Format [DPOF] Version 1.1 compliant
	RAW+JPEG simultaneous recording	Yes (separate formats to sperate cards)
	Folders File Numbering	Folder creation & selection is possible (1) Consecutive numbering (2) Auto reset (3) Manual reset
	Processing Parameters	6 Preset 'Picture Style' modes with 3 User defined settings
	Sound Files	WAVE (monaural)
DIRECT PRINT		
	Canon Printers	Canon Compact Photo Printers and PIXMA Printers supporting PictBridge
	PictBridge	Yes
OTHER FEATURES		
	Custom Functions	57 Custom Functions with 153 settings
	Personal Functions	No
	LCD Panel (EL)	Yes
	Illumination	
	Water/ Dust resistance	Yes
	Sound Memo	Up to 30sec per image
	Intelligent Orientation Sensor	Yes
	Histogram	Brightness: Yes RGB: Yes
	Playback zoom	1.5x - 10x
	Display Formats	(1)Single image with information (inc. file size) (2) Single image (3) 4 image index (4) 9 image index (5) Magnified view
	Image Erase Protection	Erase protection of one image, all images in a folder, or all images in the memory card can be applied or cancelled at one time
	Image Erase	Single image, All images (card / folder), Checkmarked images
	Self Timer	Approx. 2 or 10 sec.
	Menu Categories	(1) Recording menu (2) Playback menu (3) Set-up menu (4) Custom Functions menu (5) My Menu
	Menu Languages	English, German, French, Dutch, Danish, Portuguese, Finnish, Italian, Norwegian, Swedish, Spanish, Greek, Simplified Chinese, Japanese, Traditional Chinese, Korean, Russian, Polish
	Firmware Update	Update possible by the user.
INTERFACE		

	Computer Other	USB 2.0 Hi-Speed (Mini-B) Video output (PAL/ NTSC), 15-pin System Extension
MEMORY CARD		
	Type	CompactFlash Type I/ II (Microdrive compatible, UDMA compatible)(3), SDHC (3), SD memory (up to 2GB), External Media (with Wireless File Transmitter WFT-E2 only).
SUPPORTED OPERATING SYSTEM		
	PC & Macintosh	Windows 2000 (SP4) / XP (SP2) / Vista (excl. Starter Edition) OS X v10.3-10.4
SOFTWARE		
	Browsing & Printing Other	ZoomBrowser EX / ImageBrowser PhotoStitch, EOS Utility (inc. Remote Capture, WFT utility*, Original Data Security Tools*), Picture Style Editor * Requires associated optional accessory
	Drivers Image Manipulation	PTP TWAIN Driver (Windows 2000) Digital Photo Professional (RAW Image Processing)
POWER SOURCE		
	Batteries Battery life Battery check Power saving A/C Power Supply	1x Li-ion pack LP-E4, 1x CR2025 for date & settings Approx. 1800 (at 23C) (5) Approx. 1400 (at 0C) Automatic Power turns off after 1, 2, 4, 8, 15 or 30mins. Power adapter ACK-E4
ACCESSORIES		
	General Lenses Flash Remote Controller/ Switch Power Supply & Battery Chargers	Wireless File Transmitter WFT-E2, Original Data Security Kit OSK-E3, Eyecup Eg, Eg-series Dioptic Adjustment Lens with Rubber Frame Eg, Anti Fog Eyepiece Eg, Focusing Screens Ec, Angle Finder C, Hand Strap E1 All EF lenses (excludes EF-S lenses) Canon Speedlites (220EX, 380EX, 420EX, 430EX, 550EX, 580EX, 580EX II, Macro-Ring-Lite, MR-14EX, Macro Twin Lite MT-24EX, Speedlite Transmitter ST-E2) Remote control with N3 type contact, Wireless Controller LC-5 Battery Pack LP-E4, Battery charger LC-E4, Car Battery Cable CG-570 (use with LC-E4), Power Adapter ACK-E4
PHYSICAL SPECIFICATIONS		
	Body Materials Operating Environment Dimensions (WxHxD) Weight (body only)	Magnesium Alloy 0-45 °C, 85% or lower humidity 156.0 x 159.6 x 79.9mm Approx. 1210g (battery weight 180g)

All data is based on Canon standard testing methods except where indicated.
Subject to change without notice.

1 Large/Fine resolution

2 Depending on memory card speed / capacity

3 Compatible with large memory card capacities, including cards of 2GB and more (camera may require firmware update).

4 with 50mm lens at infinity, -1 dpt

5 Based on the CIPA Standard and using the batteries and memory card format supplied with the camera, except where indicated