

TECHNICAL SPECIFICATIONS

EOS-1D^X Mark III

IMAGE SENSOR

Type	36 x 24 mm CMOS
Effective Pixels	Approx. 20.1M
Total Pixels	Approx. 21.4 M
Aspect Ratio	3:2
Low-Pass Filter	Built-in/Fixed with Self-Cleaning Sensor Unit
Colour Filter Type	Primary Colour

IMAGE PROCESSOR

Type	DIGIC X
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LENS

Lens Mount	EF (excludes EF-S / EF-M lenses)
Focal Length	1.x Multiplication with EF lens fitted

SLR FOCUSING

Type	TTL secondary image-forming phase-difference detection using AF-dedicated sensor
AF System/ Points	191 Point / 155 f/4 cross-type AF points inc 1 dual cross type at f/2.8 ⁽¹⁾ The number of cross-type AF points will differ depending on the lens.
AF working range	EV -4 to 21 (at 20°C & ISO 100)
AF Modes	One Shot AI Focus
AF Point Selection	Automatic selection: 191 point AF (inc face tracking and Eye AF) Manual selection: Single point AF (selectable points all points, 61, 15, 9 or cross type only points selectable) Manual selection: Spot AF Manual selection: AF point Expansion 4 points (up, down, left, right) Manual selection: AF point Expansion surrounding 8 points Manual selection: Zone AF Manual selection: Large Zone AF AF points can be selected separately for vertical and horizontal shooting
Selected AF point display	Superimposed in viewfinder and indicated on LCD panel
AF Lock	Locked when shutter button is pressed half way or AF ON is pressed in One Shot AF mode.
AF Assist Beam	Emitted by an optional dedicated Speedlite
Manual Focus	Selected on lens
AF Micro adjustment	Manual: Enter adjustment level +/- 20 steps Adjust all lenses by same amount Adjust up to 20 lenses individually Adjust per lens serial number

EXPOSURE CONTROL

Metering modes	400,000-pixel RGB+IR metering sensor, 384-zone metering (1) Evaluative metering (linked to All AF point) (2) Partial metering (approx. 6.2% of viewfinder at centre) (3) Spot metering: Center spot metering (approx. 1.5% viewfinder at centre) AF point-linked spot metering Multi-spot metering (4) Centre weighted average metering
Metering Range	EV 0-20 (at 23°C with 50mm f1.4 lens ISO 100) EV -3-20 in Live and movie
AE Lock	Auto: Operates in 1-shot AF mode with evaluative metering when focus is achieved Manual: By AE lock button in all exposure modes
Exposure Compensation	+/-5 EV in 1/3 or 1/2 stop increments (can be combined with AEB).
AEB	2, 3, 5 or 7 Shots +/-3 EV 1/3 or 1/2 stop increments

Anti-flicker shooting

ISO Speed Equivalent

SHUTTER

Type	Vertical-travel mechanical focal-plane shutter, electronically controlled at all speeds / Sensor Electronic shutter
Speed	30 - 1/8000 sec. (1/3 stop increments), Bulb
Shutter release	Soft touch electromagnetic release

WHITE BALANCE

Type	Auto white balance with the imaging sensor
Settings	Auto (Ambience priority/ White Priority), Daylight, Shade, Cloudy, Tungsten light, White Fluorescent light, Flash, Custom, Colour Temperature Setting White balance compensation: 1. Blue/Amber +/-9 2. Magenta/ Green +/-9. +/-3 levels in single level increments 3, 2, 5 or 7 bracketed images per shutter release Selectable Blue/Amber bias or Magenta/ Green bias.

WB Bracketing

VIEWFINDER

Viewfinder	Pentaprism
Coverage (Vertical/Horizontal)	Approx. 100%
Magnification	0.76x ⁽²⁾
Eyepoint	20mm
Dioptr Correction	-3 to +1 dpt
Focusing Screen	fixed
Mirror	Quick-return all surface half mirror
Viewfinder Information	AF information: Single/Spot AF points, AF Frame, AF status, Focus indicator, AF mode, AF point selection, AF point registration Exposure information: Shutter speed, aperture value, ISO speed (always displayed), AE lock, exposure level/compensation, flash metering, spot metering circle, exposure warning, AEB, metering mode, shooting mode, time Flash information: Flash ready, high-speed sync, FE lock, flash exposure compensation, red-eye reduction light. Image information: Card information, maximum burst (2 digit display), Highlight tone priority (D+). Composition information: Crop area, Aspect ratio, Grid, Electronic level Other information: Battery check, Warning symbol, Flicker Detection, drive mode, white balance, JPEG/RAW indicator
Depth of field preview	Yes
Eye piece shutter	Built in

LCD MONITOR

Monitor	3.2" (8.01cm) TFT, approx. 2.1 million dots
Coverage	Approx. 100%
Viewing Angle (horizontally/vertically)	Approx. 170°
Coating	Anti-reflection and Solid Structure
Brightness	Auto: Using external ambient light sensor Manual: Adjustable to one of seven levels 4 color tone Adjustable settings (1) Quick control Screen (2) Camera settings (3) Dual Axis Electronic Level (4) Custom Quick control screen
Display Options	

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FLASH		Metering	
Modes	E-TTL II Auto Flash, Metered Manual		Real-time evaluative metering with image sensor (384-zone)
X-sync	1/250sec		Partial metering (approx. 5.8 % of Live View screen)
Flash Exposure Compensation	+/-3 EV in 1/3-stop increments with EX series Speedlites		Spot metering (approx. 2.9 % of Live View screen)
Flash Exposure Bracketing	Yes, with compatible External Flash	Display Options	Center-weighted average metering
Flash Exposure Lock	Yes		Active metering time can be changed
Hot Shoe/ PC terminal	Yes/ Yes		Grid overlay (x3), Basic shooting information,
Second Curtain Synchronisation	Yes		Detailed shooting information, Histogram, Electronic Level
External Flash Compatibility	E-TTL II with EX series Speedlites, wireless multi-flash support	FILE TYPE	
External Flash Control	via camera menu screen	Still Image Type	JPEG: 10 compression options
			HEIF: 10 compression options (10bit 422BT2100)
SHOOTING		RAW+JPEG simultaneous recording Image Size	RAW: RAW, CRAW
Modes	Program AE, Shutter priority AE, Aperture priority AE, Manual, 3x Custom settings		Complies with Exif 2.31 and Design rule for Camera File system 2.0
Picture Styles	Auto, Standard, Portrait, Landscape, Neutral, Faithful, Monochrome, Fine Detail, User Defined (x3)		Complies with Digital Print Order Format (DPOF) Version 1.1
Colour Space	sRGB and Adobe RGB	Folders	Yes, any combination of RAW + JPEG/HEIF possible, separate formats to separate cards possible
Image Processing	Clarity (8 levels) Highlight Tone Priority (2 settings) Auto Lighting Optimizer (4 settings) Long exposure noise reduction High ISO speed noise reduction (4 settings) Lens optical correction: - Peripheral illumination correction (stills and video) - Chromatic aberration correction (stills and video) - Distortion correction (during or after still photo shooting) - Diffraction correction (stills and video) - Digital Lens Optimizer (during or after still photo shooting) Resize to M1, M2 or S ⁽³⁾ RAW image processing - during image Playback only Crop images/rotate (3:2, 16:9, 4:3, 1:1, 2:3, 9:16, 3:4 ratios) Multiple exposure	File Numbering	JPEG / HEIF:(L) 5472x3648, (M1) 4368x2912, (M2) 3648x2432, (S) 2736x1824 HEIF: 5472x3648 RAW: (RAW / C-Raw) 5472x3648
Drive modes	Single, Continuous L, Continuous H, Self timer (2s+remote, 10s+remote), S single soft shooting, continuous soft shooting	EOS MOVIE	New folders can be manually created and selected
Continuous Shooting	Max. Approx. 16ps. Max. 20fps in Live View mode with mirror locked up with exposure and AF tracking (speed maintained for unlimited number of JPEGs or over 1000 RAW images) ⁽¹⁾	Movie Type	(1) Consecutive numbering (2) Auto reset (3) Manual reset
LIVE VIEW MODE		Movie Size	RAW: CRM 12bit Audio: Linear PCM MP 4 Video: 4K (8bit MPEG4 AVC/H.264, 10bit MPEG4/HEVC with Canon log), Full HD - MPEG4 AVC / H.264, Audio: Linear PCM MP4 Video: Full HD IPB light - MPEG4 AVC/H.264, Audio: AAC 4K RAW (5496 x 2904) - (23.98, 24, 25, 29.97, 50, 59.94fps) 4K DCI (17:9) - 4096 x 2160 (23.98, 24, 25, 29.97, 50, 59.94fps) intra or inter frame 4K UHD (16:9) - 3840 x 2160 (23.98, 25, 29.97, 50, 59.94fps) intra or inter frame 4K DCI cropped (17:9) - 4096 x 2160 (23.98, 24, 25, 29.97, 50, 59.94fps) intra or inter frame Full HD (16:9) - 1920 x 1080 (25, 29.97, 50, 59.94fps) intra or inter frame plus IPB light
Type	Electronic viewfinder with image sensor	Simultaneous recording	Yes: RAW to card in slot 1 Proxy (MP4) to card in slot 2
Coverage	Approx. 100% (horizontally and vertically)	Colour Sampling (Internal recording)	4K - YCbCr4:2:2 (8-bit)
Frame Rate	For Stills 29.97 fps / for Movies 59.94 fps / 29.97 fps (NTSC) 50.00 fps / 25.00 fps (PAL)	Canon Log	Full HD/HD - YCbCr4:2:0 (8-bit)
Focusing	Manual Focus (Magnify the image 5x or 10x at any point on screen) Autofocus: Dual Pixel CMOS AF (Face+Tracking) Spot AF 1-point AF Expand AF area: Expand AF area: Around Zone AF Large Zone AF: Vertical Large Zone AF: Horizontal	Movie Length	Yes Log 1
		High Frame Rate Movie	4K and Full HD - Max duration 29min 59sec. (excluding High Frame Rate movies). No 4GB file limit with exFAT CF card.
		4K Frame Grab	MOV Video: Full HD - 1920 x 1080 at 100fps or 119.9fps Recorded as 1/4-speed slow motion movie Single scene maximum recording up to 7min 29sec. 8.3-megapixel JPEG still image frame grab from 4K movie possible

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ACCESSORIES

Lenses

All EF lenses (excludes EF-S lenses)

Flash

Canon Speedlites EL100, 430EX III, 470EX AI, 600EX-II RT, MR-14EX II, Macro, Twin Lite MT-26EX, Speedlite (90EX, 220EX, 270EX, 270EX II, 320EX, 380EX, 420EX, 430EX, 430EX II, 550EX, 580EX, 580EX II, 600EX-RT, 600EX, EL 100, Macro-Ring-Lite MR-14EX, Macro-Ring-Lite, Twin Lite MT-24EX, Speedlite Transmitter ST-E2, Speedlite Transmitter ST-E3-RT)

Remote Controller/ Switch

Remote control with N3 type contact and Speedlite 600EX-II RT

Power Supply & Battery Chargers

Battery Pack LP-E19, Battery Pack LP-E4N, Battery charger LC-E19, Power Adapter AC-E19 / DR-E19

Other

Wireless File Transmitter WFT-E9B, Eyecup Eg, Eg-series Dioptic Adjustment Lens with Rubber Frame Eg, Anti Fog Eyepiece Eg, Angle Finder C, Hand Strap E2

PHYSICAL SPECIFICATIONS

Body Materials

Magnesium Alloy

Operating Environment

0 – 45 °C, 85% or less humidity

Dimensions (WxHxD)

158 x 167.6 x 82.6mm

Weight (body only)

Approx. 1250g

Footnotes

[1] The number of AF points, cross-type AF points, and dual cross-type AF points vary depending on the lens used

[2] With 50mm lens at infinity, -1 dpt

[3] Frame grab images from 4K movies cannot be resized

[4] File size, number of possible shots, and maximum burst vary depending on shooting conditions (including JPEG/HEIF image quality: 8, subject, memory card brand, ISO speed, Picture Style, and Custom Function, etc.).

[5] Wi-Fi use may be restricted in certain countries or regions

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

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