EOS-1DX Mark III

MASTER
SPEED

When the pressure is on, and there are no second chances, you need a camera that lets you work quickly and confidently. Capturing unrepeatable moments at up to 20fps with pin-point accuracy. That camera is the EOS-1D X Mark III.

- Faster than fast. Quicker than quick

- Intelligent AF that will blow your mind

- Remarkable quality in poor conditions

- A formidable filmmaking machine

- Stay connected, stay competitive

- An extension of your creative mind

20.1 MEGA PIXELS
CMOS

DiG!C X

Up to **20** Frames Per Sec LiveView Mode

Dual Pixel CMOS **AF**

Dual Card Slots

EOS Movie 4K+FULL HD

PRODUCT RANGE

EOS 1-DX Mark III

EOS 1-DX Mark III
EOS 5D Mark IV
EOS R6

EOS 5D Mark IV

EOS R6

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TECHNICAL SPECIFICATIONS

EOS-1DX 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

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	Yes. Flicker detected at a frequency of 100 Hz or 120 Hz. Maximum continuous shooting speed may decrease
ISO Speed Equivalent	Stills: 100-102400 (in 1/3-stop increments) ISO can be expanded to L: 50 or H1: 204800, H2: 409600, H3: 819200 (selected in Custom Function)

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.
WB Bracketing	+/-3 levels in single level increments 3, 2, 5 or 7 bracketed images per shutter release Selectable Blue/Amber bias or Magenta/ Green bias.

VIEWFINDER

Viewfinder	Pentaprism
Coverage (Vertical/Horizontal)	Approx. 100%
Magnification	0.76x [2]
Eyepoint	20mm
Dioptre 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
Eyepiece shutter	Built in

LCD MONITOR

Monitor	3.2" (8.01cm) TFT, approx. 2.1million 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
Display Options	(1) Quick control Screen (2) Camera settings (3) Dual Axis Electronic Level (4) Custom Quick control screen

FLASH

Modes	E-TTL II Auto Flash, Metered Manual
X-sync	1/250sec
Flash Exposure Compensation	+/-3 EV in 1/3-stop increments with EX series Speedlites
Flash Exposure Bracketing	Yes, with compatible External Flash
Flash Exposure Lock	Yes
Hot Shoe/ PC terminal	Yes/ Yes
Second Curtain Synchronisation	Yes
External Flash Compatibility	E-TTL II with EX series Speedlites, wireless multi-flash support
External Flash Control	via camera menu screen

SHOOTING

Modes	Program AE, Shutter priority AE, Aperture priority AE, Manual, 3x Custom settings
Picture Styles	Auto, Standard, Portrait, Landscape, Neutral, Faithful, Monochrome, Fine Detail, User Defined (x3)
Colour Space	sRGB and Adobe RGB
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
Drive modes	Single, Continuous L, Continuous H, Self timer (2s+remote, 10s+remote), S single soft shooting, continuous soft shooting
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]

LIVE VIEW MODE

Type	Electronic viewfinder with image sensor
Coverage	Approx. 100% (horizontally and vertically)
Frame Rate	For Stills 29.97 fps / for Movies 59.94 fps / 29.97 fps (NTSC) 50.00 fps / 25.00 fps (PAL)
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

(right column)

Metering	Real-time evaluative metering with image sensor (384-zone) Partial metering (approx. 5.8 % of Live View screen) Spot metering (approx. 2.9 % of Live View screen) Center-weighted average metering Active metering time can be changed
Display Options	Grid overlay (x3), Basic shooting information, Detailed shooting information, Histogram, Electronic Level

FILE TYPE

Still Image Type	JPEG: 10 compression options HEIF: 10 compression options (10bit 422 BT2100) RAW: RAW, CRAW Complies with Exif 2.31 and Design rule for Camera File system 2.0 Complies with Digital Print Order Format [DPOF] Version 1.1
RAW+JPEG simultaneous recording	Yes, any combination of RAW + JPEG/HEIF possible, separate formats to separate cards possible
Image Size	JPEG / HEIF:(L) 5472x3648, (M1) 4368x2912, (M2) 3648x2432, (S) 2736x1824 HEIF: 5472x3648 RAW: (RAW / C-RAW) 5472x3648
Folders	New folders can be manually created and selected
File Numbering	(1) Consecutive numbering (2) Auto reset (3) Manual reset

EOS MOVIE

Movie Type	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
Movie Size	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 plus IPB light 4K UHD (16:9) - 3840 x 2160 (23.98, 25, 29.97, 50, 59.94fps) intra or inter frame plus IPB light 4K DCI cropped (17:9) - 4096 x 2160 (23.98, 24, 25, 29.97, 50, 59.94fps) intra or inter frame plus IPB light Full HD (16:9) - 1920 x 1080 (23.98, 24, 25, 29.97, 50, 59.94fps) intra or inter frame plus IPB light
Simultaneous recording	Yes: RAW to card in slot 1 Proxy (MP4) to card in slot 2
Colour Sampling (Internal recording)	4K - YCbCr4:2:2 (8-bit) Full HD/HD - YCbCr4:2:0 (8-bit)
Canon Log	Yes Canon Log 1
Movie Length	4K and Full HD - Max duration 29min 59sec. (excluding High Frame Rate movies). No 4GB file limit with exFAT CF card.
High Frame Rate Movie	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.
4K Frame Grab	8.3-megapixel JPEG still image frame grab from 4K movie possible

Bitrate/Mbps	5.5K RAW : (50/59.94p) Approx. 2600Mbps 5.5K RAW (Light): (50/59.94p) Approx. 1500Mbps 5.5K RAW : (30/25/24/23.98p) Approx. 1800Mbps 5.5K RAW (Light) : (30/25/p) Approx. 760Mbps 5.5K RAW (Light) : (24/23.98p) Approx. 600Mbps **Canon Log off (H264 MP4)** 4K DCI (50/59.94p): ALL-I Approx. 940 Mbps, IPB Approx. 230 Mbps, IPB (Light) 120 Mbps 4K DCI (29.97p/25.00p/24.00p/23.98p): ALL-I Approx. 470 Mbps, IPB Approx. 120 Mbps, IPB (Light) 60 Mbps 4K DCI cropped (50/59.94p): ALL-I Approx. 940 Mbps, IPB Approx. 230 Mbps, IPB (Light) 120 Mbps 4K DCI cropped (29.97p/25p/24.00p/23.98p): ALL-I Approx. 470 Mbps, IPB Approx. 120 Mbps, IPB (Light) 60 Mbps 4K UHD (50/59.94p): ALL-I Approx. 940 Mbps, IPB Approx. 230 Mbps, IPB (Light) 120 Mbps 4K UHD (29.97p/25p): ALL-I Approx. 470 Mbps, IPB Approx. 120 Mbps, IPB (Light) 60 Mbps Full HD 119.90p/ 100p): ALL-I: Approx. 360 Mbps Full HD (59.94p/50.00p): ALL-I: Approx. 180 Mbps, IPB 60 Mbps, IPB (Light) 35 Mbps Full HD (29.97p/25p): ALL-I: Approx. 90 Mbps, IPB: Approx. 30 Mbps, IPB light: Approx. 12 Mbps **Canon Log on (H265 MP4)** 4K DCI (50/59.94p): ALL-I Approx. 1000 Mbps, IPB Approx. 340 Mbps, IPB light: Approx. 170 Mbps 4K DCI (29.97p/25.00p/24.00p/23.98p): ALL-I Approx. 470 Mbps, IPB Approx. 170 Mbps, IPB light: Approx. 85 Mbps 4K DCI cropped (50/59.94p): ALL-I Approx. 1000 Mbps, IPB Approx. 340 Mbps, IPB light: Approx. 170 Mbps 4K DCI cropped (29.97p/25p/24.00p/23.98p): ALL-I Approx. 470 Mbps, IPB Approx. 170 Mbps, IPB light: Approx. 85 Mbps 4K UHD (50/59.94p): ALL-I Approx. 1000 Mbps, IPB Approx. 340 Mbps, IPB light: Approx. 170 Mbps 4K UHD (29.97p/25p): ALL-I Approx. 470 Mbps, IPB Approx. 170 Mbps, IPB light: Approx. 85 Mbps Full HD 119.90p/ 100p): ALL-I: Approx. 470 Mbps Full HD (59.94p/50.00p): ALL-I: Approx. 230 Mbps, IPB Approx. 90 Mbps, IPB light: Approx. 50 Mbps Full HD (29.97p/25p): ALL-I: Approx. 135 Mbps, IPB: Approx. 45 Mbps, IPB light: Approx. 28 Mbps
Microphone	Built-in stereo microphones (48 kHz, 16-bit x 2 channels)
HDMI Display	External Monitor only, External Monitor only without information display or Simultaneous on camera and external monitor
HDMI output	4K and Full HD recording, uncompressed YCbCr 4:2:0, 8-bit BT709, or YCbCr 4:2:2, 10-bit BT2020 with Canon Log sound output via HDMI is also possible
Focusing	Dual Pixel CMOS AF with Face Detection and Tracking AF, Movie Servo AF Manual Focus
ISO	100-25600 (in 1/3-stop increments) ISO can be expanded to or H1: 51200, H2: 102400, H3: 204800 (selected in Custom Function
Movie Digital IS	Yes, image area when enabled: reduced by 10%
OTHER FEATURES	
GPS	Built in - Longitude, Latitude, Elevation, Coordinated Universal Time • GPS satellites (USA) • GLONASS satellites (Russia) • Quasi-Zenith Satellite Michibiki (Japan)
Custom Functions	38 Custom Functions
Metadata Tag	Author, copyright, Image rating (0-5 stars) GPS, Rating, IPTC (registered with EOS Utility/ browser remote/ Mobile File Transfer app (iOS/android))
LCD Panel (EL)/ Button Illumination	Yes/ Yes
Water/ Dust resistance	Yes
Voice Memo	Yes
Intelligent Orientation Sensor	Yes
Histogram	Brightness: Yes RGB: Yes
Playback zoom	1.5x - 10x

Display Formats	(1) Single image with information (2 levels) (2) Single image (3) 4 image index (4) 9 image index (5) 36 image index (6) 100 image index (7) Jump Display (8) Movie edit (9) Raw processing (10) Rating
Image Erase Protection	Erase protection of one image at a time, folder or card
Image Erase	Single image, selected, folder, card or all unprotected
Self Timer	2 or 10 sec.
Menu Categories	(1) Shooting Menu 1 - 4 (separate photo/video) (2) AF menu 1- 5 (3) Network 1 (4) Playback menu 1 - 3 (5) Setup menu 1- 5 (6) Custom functions 1- 9 (7) My Menu (1-5 user selectable)
Menu Languages	English, German, French, Dutch, Danish, Portuguese, Finnish, Italian, Norwegian, Swedish, Spanish, Greek, Russian, Polish, Czech, Hungarian, Romanian, Ukraine, Turkish, Arabic, Thai, Simplified Chinese, Traditional Chinese, Korean, Indonesian, Malaya and Japanese.
Firmware Update	Update possible by the user. (Camera, Lens, WFT, External Speedlite)
INTERFACE	
Computer	USB 3.1 Gen 2 (PTP)
Wi-Fi	Wireless LAN (IEEE802.11b/g/n) (2.4 GHz only), with Bluetooth support [5] Features supported – FTP/FTPS, EOS Utility, Smartphone.
Other	HDMI (mini), External microphone (Stereo mini jack) Headphone Jack, RJ-45, N3 remote release terminal, Flash PC connector
MEMORY CARD	
Type	CFexpress 1.0 Type B
SUPPORTED OPERATING SYSTEM	
PC	Windows 8.1 and Windows 10 (tablet mode not supported)
Macintosh	OS X v10.12, 10.13, 10.14,10.15, 11
SOFTWARE	
Other	EOS Utility 3, Picture Style Editor, WFT utility, Camera connect app (iOS/android), Mobile File Transfer app (iOS/android)
Image Manipulation	Digital Photo Professional 4, Digital Photo Professional Express for iPad (RAW Image Processing)
POWER SOURCE	
Batteries	Rechargeable Li-ion Battery LP-E19, LP-E4N (LP-E19 battery supplied)
Battery life	Viewfinder shooting approx. 2850 (at 20°C) [6] Viewfinder shooting approx. 2360 (at 0°C) [6] Live View shooting approx. 610 (at 20°C) [6] Live View shooting approx. 530 (at 0°C) [6] 4K movie recording approx. 2 hr 20 mins (at 20°C) (movie Servo AF disabled)
Battery check	Automatic displayed in 6 levels
Power saving	Power turns off after 1, 2, 4, 8, 15 or 30 mins.
A/C Power Supply	Power adapter AC-E19 / DR-E19

ACCESSORIES

Lenses	All EF lenses (excludes EF-S lenses)
Flash	Canon Speedlites (EL-1, EL-100, 90EX, 220EX, 270EX, 270EX II, 320EX, 380EX, 420EX, 430EX, 430EX II, 430EX III, 470EX AI, 550EX, 580EX, 580EX II, 600EX-RT, 600EX, 600EX-II RT, Macro-Ring-Lite MR-14EX, Macro-Ring-Lite, MR-14EX II, Macro 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 Dioptric 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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Sales Start Date: February 2020

PRODUCT DETAILS:

Product Name	Mercury Code	EAN Code
EOS-1D X Mark III GB	3829C011AA	8714574665115

OPTIONAL ACCESSORIES:

Accessory Name	Mercury Code	EAN Code
Power Supply		
Battery LP-E19	1169C002AA	4549292060560
Battery charger LC-E19	1170C003AA	4549292060591
Power Adapter AC-E19	1171C003AA	4549292068795
DC Coupler DR-E19	1172C001AA	4549292066050
Cables		
IFC-100U	3224C001AA	4549292124200
IFC-400U	3225C001AA	4549292124224
HDMI cable HTC-100	2384B001AA	4960999530383
Miscellaneous		
Wireless File Transmitter WFT-E9B	3830C003AA	4549292148022
Directional Stereo Microphone DM-E1	1429C001AA	4549292065732
Stereo Microphone DM-E100	4474C001AA	4549292164992
Remote control		
Remote Controller TC-80N3	2477A004AA	4960999581569
Remote Switch RS-80N3	2476A001AA	4960999581576
Cases, jackets & straps		
Wide Strap L7	5753B001AA	4960999840048
Hand Strap E2	4991B001AA	4960999686202
Viewfinder accessories		
Eyecup Eg	1889B001AA	4960999415932
Flash related accessories		
Speedlite 430EX III-RT	0585C003AA	4549292038262
Speedlite 470EX AI	1957C003AA	4549292084658
Speedlite EL-1	4571C010AA	8714574667881

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OPTIONAL ACCESSORIES:

Accessory Name	Mercury Code	EAN Code
Flash and flash related accessories		
Speedlite 600EX II-RT EU16	1177C006AA	8714574643281
Speedlite Transmitter ST-E2	2478A004AA	4960999581538
Speedlite Transmitter ST-E3-RT v2	5743B012AA	4549292192568
Speedlite EL-100 EU26	3249C003AA	4549292125450
Flash Macro Ring Lite MR-14EX II	9389B003AA	4549292007749
Flash Macro Twin Lite MT-26 EX	2398A003AB	8714574654652

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MEASUREMENT / LOGISTIC INFORMATION:

Product Name	Mercury Code	Pack type	Pack description	Quantity per pack	Length (cm)	Width (cm)	Height (cm)	Gross Weight (kg)
EOS-1D X Mark III GB	3829C011AA	EA	Each	1	24.1	20.0	19.8	2.71
		CT	Carton	4	42	41.6	28.9	11.83
		EP	Euro Pallet	24	120	80	101.7	81
			Layers per Pallet	3				
			Cartons per Layer	2				
			Products per layer	8				

What's in the box?

- EOS-1D X Mark III
- Camera Cover R-F-3
- Packing Cover
- Eyecup EG
- Wide Strap L7
- Battery Charger LC-E19
- Battery Pack LP-E19 + Cover
- Power Cable (EU)
- Interface Cable IFC-100U (No core) + protector
- User Manual Kit

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