



EOS FULL-FRAME POWER

DSLR COMPARISON CHART



EOS 1D X[®] Mark II



**EOS 5D^s
EOS 5D^s R**



EOS 5D[®] Mark IV



EOS 5D[®] Mark III



EOS 6D[®] Mark II

CMOS Sensor		20.2 Megapixels Full-frame CMOS		50.6 Megapixels Full-frame CMOS		30.4 Megapixels Full-frame CMOS		22.3 Megapixels Full-frame CMOS		26.2 Megapixels Full-frame CMOS	
Image Processor		Dual DIGIC 6+ Dedicated DIGIC 6 for metering		Dual DIGIC 6		DIGIC 6+		DIGIC 5+		DIGIC 7	
ISO Range*	Still	ISO 100–51200 (Expandable ISO 50–409600)		ISO 100–6400 (Expandable ISO 50–12800)		ISO 100–32000 (Expandable ISO 50–102400)		ISO 100–25600 (Expandable ISO 50–102400)		ISO 100–40000 (Expandable ISO 50–102400)	
	Video	4K	ISO 100–12800 (Expandable ISO 100–204800)	ISO 100–6400 (Expandable ISO 50–12800)		4K	ISO 100–12800 (Expandable ISO 100–102400)	ISO 100–12800 (Expandable ISO 100–25600)		ISO 100–25600 (Expandable ISO 100–102400)	
		Full HD				ISO 100–25600 (Expandable ISO 100–102400)					
		Full HD	ISO 100–25600 (Expandable ISO 100–204800)			HDR Movie (Expandable ISO speeds cannot be used)	ISO 100–25600				
Low-pass Filter Cancellation Effect		–		Yes (EOS 5DS R only)		–		–		Yes	
Maximum Frames Per Second		14 fps** 16 fps** in Live View Mode		5.0 fps		7.0 fps**		6.0 fps		6.5 fps**	
Top Shutter Speeds Range		30–1/8000 sec.		30–1/8000 sec.		30–1/8000 sec.		30–1/8000 sec.		30–1/4000 sec.	
Live View AF Technology		Dual Pixel CMOS AF		Contrast AF		Dual Pixel CMOS AF		Contrast AF		Dual Pixel CMOS AF	
Video Frame Size		4K: 4096 x 2160 Full HD: 1920 x 1080		Full HD: 1920 x 1080 HD: 1280 x 720 SD: 640 x 480		4K: 4096 x 2160 Full HD: 1920 x 1080 HD: 1280 x 720		Full HD: 1920 x 1080 HD: 1280 x 720 SD: 640 x 480		Full HD: 1920 x 1080 HD: 1280 x 720 4K Time-lapse: 3840 x 2160 Full HD Time-lapse: 1920 x 1080	
Video Frame Rate		4096 x 2160 (4K): 60p (59.94) / 30p (29.97) / 24p / 23.98p, 1920 x 1080 (Full HD): 120p (119.9) / 60p (59.94) / 30p (29.97) / 24p / 23.98p		1920 x 1080 (Full HD): 30p (29.97) / 25p / 24p (23.976), 1280 x 720 (HD): 60p (59.94) / 50p, 640 x 480 (SD): 30p (29.97) / 25p		4096 x 2160 (4K)***: 30p (29.97) / 24p / 23.98p, 1920 x 1080 (Full HD): 60p (59.94) / 30p (29.97) / 24p / 23.98p, 1280 x 720 (HD): 120p (119.9)		1920 x 1080 (Full HD): 30p (29.97) / 25p / 24p (23.976), 1280 x 720 (HD): 60p (59.94) / 50p, 640 x 480 (SD): 30p (29.97) / 25p		1920 x 1080 (Full HD): 60p (59.94) / 30p (29.97) / 24p (23.98) 1280 x 720 (HD): 60p (59.94) / 30p (29.97) 3840 x 2160 (4K Time-lapse): 30p (29.97) 1920 x 1080 (Full HD Time-lapse): 30p (29.97)	
AF Points		61 selectable AF points 41 Cross-type AF points 5 Dual Cross-type AF points 61 AF points at f/8****		61 selectable AF points 41 Cross-type AF points 5 Dual Cross-type AF points 1 AF point at f/8		61 selectable AF points 41 Cross-type AF points 5 Dual Cross-type AF points 61 AF point at f/8		61 selectable AF points 41 Cross-type AF points 5 Dual Cross-type AF points 1 AF point at f/8		45 AF points† 45 All Cross-type AF points	
Autofocus Sensitivity		EV -3 to 18 (Center AF Point, ISO 100)		EV -2 to 18 (Center AF Point, ISO 100)		EV -3 to 18 (Center AF Point, ISO 100)		EV -2 to 18 (at ISO 100 with f/1.4 lens)		EV -3 to 18 (Center, f/2.8, One-Shot AF, ISO 100)	
Anti-flicker Feature		Yes		Yes		Yes		–		Yes	
Built-in GPS††		Yes		–		Yes		–		Yes	
Built-in Wireless Connection		–		–		Wi-Fi****/ NFC™^		–		Wi-Fi****/ NFC™^ / Bluetooth*^^	
Viewfinder		Intelligent Viewfinder II Approx. 100% horizontal/vertical at 0.76x		Intelligent Viewfinder II Approx. 100% horizontal/vertical at 0.71x		Intelligent Viewfinder II Approx. 100% horizontal/vertical at 0.71x		Intelligent Viewfinder Approx. 100% horizontal/vertical at 0.71x		Intelligent Viewfinder II Approx. 98% horizontal/vertical at 0.71x	
LCD Monitor		3.2" Clear View II LCD Approx. 1,620,000 dots Touch Screen Function		3.2" Clear View II LCD Approx. 1,040,000 dots		3.2" Clear View II LCD Approx. 1,620,000 dots		3.2" Clear View II LCD Approx. 1,040,000 dots		Vari-angle Touch Screen, 3.0" Clear View II LCD Approx. 1,040,000 dots	
Recording Media		CF Card (Type I, UDMA 7 supported) + CFast™ Card (CFast 2.0™ supported)		CF Card (Type I, UDMA 7 supported) + SD/SDHC/SDXC Memory Card (UHS-I compatible)		CF Card (Type I, UDMA 7 supported) + SD/SDHC/SDXC Memory Card (UHS-I compatible)		CF Card (Type I, UDMA 7 supported) + SD/SDHC/SDXC Memory Card		SD/SDHC/SDXC Memory Card (UHS-I compatible)	
Maximum Burst Rate		CF Card (Standard): Approx. 59 RAW images CF Card (UDMA 7): Approx. 73 RAW images CFast 2.0™ Card: Approx. 170 RAW images		CF Card (Standard): Approx. 12 RAW images CF Card (UDMA 7): Approx. 14 RAW images SD Card (Standard): Approx. 12 RAW images SD Card (UHS-I): Approx. 14 RAW images		CF Card (Standard): Approx. 17 RAW images CF Card (UDMA 7): Approx. 21 RAW images SD Card (Standard): Approx. 17 RAW images SD Card (UHS-I): Approx. 19 RAW images		CF Card (Standard): Approx. 13 RAW images CF Card (UDMA 7): Approx. 18 RAW images SD Card (Standard): Approx. 12 RAW images		SD Card (Standard): Approx. 18 RAW images SD Card (UHS-I): Approx. 21 RAW images	
USB Compatibility		USB 3.0		USB 3.0		USB 3.0		USB 2.0		USB 2.0	
Body Dimensions (W x H x D)		Approx. 6.22 x 6.60 x 3.25 in. / 158.0 x 167.6 x 82.6mm		Approx. 6.0 x 4.6 x 3.0 in. / 152.0 x 116.4 x 76.4mm		Approx. 5.93 x 4.58 x 2.99 in. / 150.7 x 116.4 x 75.9mm		Approx. 6.0 x 4.6 x 3.0 in. / 152 x 116.4 x 76.4mm		Approx. 5.67 x 4.35 x 2.94 in. / 144.0 x 110.5 x 74.8mm	
Weight		Approx. 54.0 oz. / 1530g (CIPA standards) Approx. 47.3 oz. / 1340g (Body only)^^^		Approx. 32.8 oz. / 930g (CIPA standards) Approx. 29.8 oz. / 845g (Body only)^^^		Approx. 31.4 oz. / 890g (CIPA standards) Approx. 28.2 oz. / 800g (Body only)^^^		Approx. 33.5 oz. / 950g (CIPA standards) Approx. 30.3 oz. / 860g (Body only)^^^		Approx. 26.98 oz. / 765g (CIPA standards) Approx. 24.16 oz. / 685g (Body only)^^^	



EOS 6D Mark II



EOS 6D

CMOS Sensor		26.2 Megapixel Full-frame CMOS	20.2 Megapixel Full-frame CMOS
Image Processor		DIGIC 7	DIGIC 5+
ISO Range*	Still	ISO 100–40000 (Expandable ISO 50–102400)	ISO 100–25600 (Expandable ISO 50–102400)
	Video	ISO 100–25600 (Expandable ISO 100–102400)	ISO 100–12800 (Expandable ISO 100–25600)
Maximum Frames Per Second		6.5 fps**	4.5 fps
Top Shutter Speeds Range		Bulb, 30–1/4000 sec.	Bulb, 30–1/4000 sec.
Live View AF Technology		Dual Pixel CMOS AF	Contrast AF
Video Frame Size		Full HD: 1920 x 1080, HD: 1280 x 720 4K Time-lapse: 3840 x 2160, Full HD Time-lapse: 1920 x 1080	Full HD: 1920 x 1080, HD: 1280 x 720, SD: 640 x 480
Video Frame Rate		1920 x 1080 (Full HD): 60p (59.94) / 30p (29.97) / 24p (23.98) 1280 x 720 (HD): 60p (59.94) / 30p (29.97) 3840 x 2160 (4K Time-lapse): 30p (29.97) 1920 x 1080 (Full HD Time-lapse): 30p (29.97)	1920 x 1080 (Full HD): 30p (29.97) / 24p (23.976) 1280 x 720 (HD): 60p (59.94) 640 x 480 (SD): 30p (29.97)
AF Points		45 AF points* (45 All Cross-type AF points)	11 AF points (1 Cross-type AF point)
Auto Focus Sensitivity		EV -3 to 18 (Center, f/2.8, One-Shot AF, ISO 100)	EV -3 to 18 (Center AF Point, ISO 100)
Anti-flicker Feature		Yes	–
Built-in Wi-Fi*†††		Yes	Yes
Built-in NFC^		Yes	–
Built-in Bluetooth*^^		Yes	–
Built-in GPS††		Yes	Yes
Viewfinder		Intelligent Viewfinder II Approx. 98% horizontal/vertical at 0.71x	LED Viewfinder Approx. 97% horizontal/vertical at 0.71x
LCD Monitor		Vari-angle Touch Screen, 3.0" Clear View LCD II Approx. 1,040,000 dots	3.0" Clear View LCD Approx. 1,040,000 dots
Recording Media		SD/SDHC/SDXC Memory Card (UHS-I compatible)	SD/SDHC/SDXC Memory Card (UHS-I compatible)
Maximum Burst Rate		SD Card (Standard): Approx. 18 RAW images SD Card (UHS-I): Approx. 21 RAW images	SD Card (Standard): Approx. 14 RAW images SD Card (UHS-I): Approx. 17 RAW images
USB Compatibility		USB 2.0	USB 2.0
Body Dimensions (W x H x D)		Approx. 5.67 x 4.35 x 2.94 in. / 144.0 x 110.5 x 74.8mm	Approx. 5.7 x 4.4 x 2.8 in. / 144.5 x 110.5 x 71.2mm
Weight		Approx. 26.98 oz. / 765g (CIPA standards) Approx. 24.16 oz. / 685g (Body only)^^^	Approx. 26.7 oz. / 755g (CIPA standards) Approx. 24.0 oz. / 680g (Body only)^^^



* Standard output sensitivity. Recommended exposure index.
** Continuous shooting speed may vary depending on the shutter speed, the aperture, the lens being used, the battery charge and various camera settings.
*** 4K requires the following write speed requirements: CF UDMA7 (100MB/sec. or faster), SD UHS-I (90MB/sec. or higher).
**** Except when using the Canon EF 50mm f/2.5 Macro, EF 100mm f/2.8 Macro, EF 100mm f/2.8 Macro USM, EF 100mm f/2.8L Macro IS USM and EF 28-80mm f/2.8-4L USM lenses.
† The number of AF points, cross-type AF points and Dual cross-type AF points vary depending on the lens used.
†† In certain countries and regions, the use of GPS may be restricted. Therefore be sure to use GPS in accordance with the laws and regulations of your country or region. Be particularly careful when traveling outside your home country. As a signal is received from GPS satellites, take sufficient measures when using in locations where the use of electronics is regulated.
††† Compatible with iOS* versions 8.4/9.3/10.2, Android™ smartphone and tablet versions 4.1/4.2/4.3/4.4/5.0/5.1/6.0/7.0/7.1. Data charges may apply with the download of the free Canon Camera Connect app. This app helps enable you to upload images to social media services. Please note that image files may contain personally identifiable information that may implicate privacy laws. Canon disclaims and has no responsibility for your use of such images. Canon does not obtain, collect or use such images or any information included in such images through this app.
^ Compatible with Android™ smartphone and tablet versions 4.1/4.2/4.3/4.4/5.0/5.1/6.0/7.0/7.1.
^^ Compatible with select smartphone and tablet devices (Android™ version 5.0 or later and the following iOS* devices: iPhone 4s or later, iPad 3rd gen. or later, iPod Touch 5th gen. or later) equipped with Bluetooth® version 4.0 or later and the Camera Connect App Ver. 2.0.40. This application is not guaranteed to operate on all listed devices, even if minimum requirements are met.
^^^ Without battery, cards, body cap or eyecup.

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