

Type		
Type	Digital, single-lens reflex, AF/AE camera	
Recording Media	SD memory card, SDHC memory card*, SDXC memory card* * Compatible with UHS-I	
Image Sensor Size	Approx. 35.8 x 23.9mm	
Compatible Lenses	Canon EF lenses (except EF-S and EF-M lenses) (35 mm-equivalent lens focal length will be as indicated on the lens)	
Lens Mount	Canon EF mount	
Image Sensor		
Type	CMOS sensor	
Effective Pixels	Approx. 20.20 megapixels	
Aspect Ratio	3:2	
Dust Deletion Feature	Auto, Manual, Dust Delete Data appending	
Recording System		
Recording Format	Design rule for Camera File System 2.0	
Image Type	JPEG, RAW (14-bit Canon original), RAW+JPEG simultaneous recording enabled	
Recorded Pixels	L (Large):	Approx. 20.00 megapixels (5472 x 3648)
	M (Medium):	Approx. 8.90 megapixels (3648 x 2432)
	S1 (Small 1):	Approx. 5.00 megapixels (2736 x 1824)
	S2 (Small 2):	Approx. 2.50 megapixels (1920 x 1280)
	S3 (Small 3):	Approx. 350,000 pixels (720 x 480)
	RAW:	Approx. 20.00 megapixels (5472 x 3648)
	M-RAW:	Approx. 11.00 megapixels (4104 x 2736)
	S-RAW:	Approx. 5.00 megapixels (2736 x 1824)
File Numbering	Continuous, auto reset, manual reset	
Image Processing During Shooting		
Picture Style	Auto, Standard, Portrait, Landscape, Neutral, Faithful, Monochrome, User Def. 1 - 3	
White Balance	Auto, Preset (Daylight, Shade, Cloudy, Tungsten light, White fluorescent light, Flash), Custom, Colour temperature setting (Approx. 2500 - 10000K), White balance correction, and	

	White balance bracketing possible * Flash colour temperature information transmission enabled	
Noise Reduction:	Applicable to long exposures and high ISO speed shots	
Automatic Image Brightness Correction	Auto Lighting Optimizer	
Highlight Tone Priority	Provided	
Lens Aberration Correction	Peripheral illumination correction, Chromatic aberration correction	
Viewfinder		
Type	Eye-level pentaprism	
Coverage	Vertical / horizontal approx. 97% (with Eye point approx. 21mm)	
Magnification	Approx. 0.71x (-1m^{-1} with 50mm lens at infinity)	
Eye Point	Approx. 21mm (from eyepiece lens center at -1m^{-1})	
Built-in Dioptic Adjustment	Approx. $-3.0 - +1.0 \text{m}^{-1}$ (dpt)	
Focusing Screen	Eg-A II provided, interchangeable	
Electronic Level	Horizontal: 1° increments, $\pm 9^\circ$ * During horizontal shooting only	
Mirror	Quick-return type	
Depth-of-field Preview	Provided	
Autofocus		
Type	TTL secondary image-registration, phase detection	
AF Points	11 AF points	
	Center:	Cross-type AF at f/5.6
	Center:	Vertical line-sensitive AF at f/2.8
Focusing Brightness Range	EV -3 - 18 (at center AF point [sensitive to f/2.8 and f/5.6], room temperature, ISO 100)	
Focus Operation	One-Shot AF, AI Servo AF, AI Focus AF, Manual focusing (MF)	
AI Servo AF Characteristics	Tracking sensitivity, Acceleration / deceleration tracking	
AF Fine Adjustment	AF Microadjustment (All lenses by same amount or Adjust by lens)	
AF-assist Beam	Emitted by the EOS-dedicated external Speedlite	
Exposure Control		

Metering Modes	63-zone TTL full-aperture metering <ul style="list-style-type: none"> • Evaluative metering (linked to all AF points) • Partial metering (Approx. 8.0% of viewfinder at center) • Spot metering (Approx. 3.5% of viewfinder at center) • Center-weighted average metering 	
Metering Range	EV 1 - 20 (at room temperature with EF50mm f/1.8 lens, ISO 100)	
Exposure Control	Program AE (Scene Intelligent Auto, Creative Auto, Special scene (Portrait, Landscape, Close-up, Sports, Night Portrait, Handheld Night Scene, HDR Backlight Control), Program), Shutter-priority AE, Aperture-priority AE, Manual exposure, Bulb exposure	
ISO Speed (Recommended Exposure Index)	Basic Zone modes*:	ISO 100 - 12800 set automatically
	* Landscape: ISO 100 - 1600 set automatically, Handheld	
	Night Scene:	ISO 100 - 25600 set automatically
	P, Tv, Av, M, B:	Auto ISO, ISO 100 - 25600 (in 1/3 - or whole-stop increments), or ISO expansion to L (equivalent to ISO 50), H1 (equivalent to ISO 51200), H2 (equivalent to ISO 102400)
ISO Speed Settings	ISO speed range, Auto ISO range, and Auto ISO minimum shutter speed settable	
Exposure Compensation	Manual:	±5 stops in 1/3 - or 1/2-stop increments
	AEB:	±3 stops in 1/3 - or 1/2-stop increments (can be combined with manual exposure compensation)
AE lock	Auto:	Applied in One-Shot AF mode with evaluative metering when focus is achieved
	Manual:	By AE lock button
HDR Shooting		
Dynamic Range Adjustment	Auto, ±1 EV, ±2 EV, ±3 EV	
Auto Image Align	Possible	
Multiple Exposures		
Number of Multiple Exposures	2 to 9 exposures	
Multiple-exposure control	Additive, Average	
Shutter		

Type	Electronically-controlled, focal-plane shutter	
Shutter Speeds	1/4000sec. to 30secs., bulb, X-sync at 1/180sec.	
Drive System		
Drive Modes	Single shooting, Continuous shooting, Silent single shooting, Silent continuous shooting, 10-secs. self-timer / remote control, 2-secs. self-timer / remote control	
Continuous Shooting Speed	Continuous shooting:	Max. approx. 4.5 shots/sec.
	Silent continuous shooting:	Max. approx. 3.0 shots/sec.
Max. burst	JPEG Large / Fine:	Approx. 73 shots (Approx. 1250 shots)
	RAW:	Approx. 14 shots (Approx. 17 shots)
	RAW+JPEG Large / Fine:	Approx. 7 shots (Approx. 8 shots)
	* Figures in parentheses apply to an UHS-I compatible 8GB card based on Canon's testing standards. * Figures are based on Canon's testing standards (ISO 100 and Standard Picture Style) and an 8GB card.	
External Speedlite		
Compatible Speedlites	EX-series Speedlites	
Flash Metering	E-TTL II autoflash	
Flash Exposure Compensation	±3 stops in 1/3- or 1/2-stop increments	
FE Lock	Provided	
PC terminal	Provided	
External Speedlite Control	Provided * Compatible with radio wireless flash photography.	
Live View Shooting		
Aspect Ratio Settings	3:2, 4:3, 16:9, 1:1	
Focus Methods	FlexiZone - Single, Face detection Live mode (contrast detection), Quick mode (phase-difference detection), Manual focusing (Approx. 5x / 10x magnification possible)	
Focusing Brightness Range	EV 0 - 20 (with contrast detection, at room temperature, ISO 100)	
Metering Modes	Evaluative metering (315 zones), Partial metering (approx. 11% of Live View screen), Spot metering (approx. 3% of Live View screen), Center-weighted average metering	

Metering Range	EV 0 - 20 (at room temperature with EF50mm f/1.4 USM lens, ISO 100)	
Silent Shooting	Provided (Mode 1 and 2)	
Grid Display	Three types	
Movie shooting		
Recording format	MOV	
	Movie:	MPEG-4 AVC / H.264 Variable (average) bit rate
	Audio	Linear PCM
Recording Size and Frame Rate	1920 x 1080 (Full HD):	30p / 25p / 24p
	1280 x 720 (HD):	60p / 50p
	640 x 480 (SD):	30p / 25p
	* 30p: 29.97fps, 25p: 25.00fps, 24p: 23.976fps, 60p: 59.94fps, 50p: 50.00fps	
Compression Method	IPB, ALL-I (I-only)	
File Size	1920 x 1080 (30p / 25p / 24p) / IPB:	Approx. 235MB/min.
	1920 x 1080 (30p / 25p / 24p) / ALL-I:	Approx. 685MB/min.
	1280 x 720 (60p / 50p) / IPB:	Approx. 205MB/min.
	1280 x 720 (60p / 50p) / ALL-I:	Approx. 610MB/min.
	640 x 480 (30p / 25p) / IPB:	Approx. 78MB/min.
	* Card reading / writing speed necessary for movie shooting: IPB: at least 6MB per sec. ALL-I: at least 20MB per sec.	
Focusing	Same as focusing with Live View shooting	
Metering Modes	Center-weighted average and Evaluative metering with the image sensor * Automatically set by the focusing mode.	

Metering Range	EV 0 - 20 (at room temperature with EF50mm f/1.4 USM lens, ISO 100)	
Exposure Control	Program AE for movies and manual exposure	
Exposure Compensation	±3 stops in 1/3-stop increments (±5 stops for still photos)	
ISO Speed (Recommended exposure index)	With autoexposure: Auto ISO (automatically set within ISO 100 - ISO 12800), Maximum and minimum ISO speeds can be changed in Creative Zone modes	
	With manual exposure:	Auto ISO (automatically set within ISO 100 - ISO 12800), ISO 100 - ISO 12800 set manually (in 1/3- or whole-stop increments), expandable to H (equivalent to ISO 16000 / 20000 / 25600)
Time Code	Supported	
Drop Frames	Compatible with 60p / 30p	
Video Snapshots	Settable to 2secs. / 4secs. / 8secs.	
Sound Recording	Built-in monaural microphone, external stereo microphone terminal provided Sound recording level adjustable, wind filter provided, attenuator provided	
Grid Display	Three types	
Still Photo Shooting	Possible	
LCD Monitor		
Type	TFT colour, liquid-crystal monitor	
Monitor size	Wide, 7.7cm (3.0-in.) (3:2)	
Dots	Approx. 1.04 million dots	
Brightness Adjustment	Manual (7 levels)	
Electronic Level	Provided	
Interface Languages	25	
Feature Guide / Help	Displayable	
Playback		
Image Display Formats	Single image display, Single image + Info display (Basic info, shooting info, histogram), 4-image index, 9-image index	
Highlight Alert	Overexposed highlights blink	
AF Point Display	Possible	
Grid Display	Three types	

Zoom Magnification	Approx. 1.5x - 10x, starting magnification and position settable
Image Browsing Methods	Single image, jump by 10 or 100 images, by shooting date, by folder, by movies, by stills, by rating
Image Rotate	Possible
Ratings	Provided
Movie Playback	Enabled (LCD monitor, video / audio OUT, HDMI OUT), built-in speaker
Slide Show	All images, by date, by folder, by movies, by stills, or by rating
Background Music	Selectable for slide shows and movie playback
Image Protect	Possible
Post-Processing of Images	
In-camera RAW Image Processing	Brightness correction, White balance, Picture Style, Auto Lighting Optimizer, High ISO speed noise reduction, JPEG image-recording quality, Colour space, Peripheral illumination correction, Distortion correction, and Chromatic aberration correction
Resize	Possible
Direct Printing	
Compatible Printers	PictBridge-compatible printers
Printable Images	JPEG and RAW images
Print Ordering	DPOF Version 1.1 compatible
Custom Functions	
Custom Functions	20
My Menu Registration	Possible
Custom Shooting Modes	Register under Mode Dial's C1 / C2
Copyright Information	Entry and inclusion enabled
Interface	
Audio / Video OUT / Digital Terminal	Analog video (Compatible with NTSC / PAL) / stereo audio output Computer communication, Direct printing (Hi-Speed USB or equivalent), GPS Receiver GP-E2 connection* * GPS Receiver GP-E2 is not compatible with the EOS 6D (N, W)
HDMI Mini OUT Terminal	Type C (Auto switching of resolution), CEC-compatible

External Microphone IN Terminal	φ3.5 mm stereo mini-jack	
Remote Control Terminal	Compatible with N3-type remote controller	
Wireless Remote Control	Remote Controller RC-6	
Eye-Fi Card	Compatible	
Power		
Battery	Battery Pack LP-E6 (Quantity 1) * AC power can be supplied via AC Adapter Kit ACK-E6. * With Battery Grip BG-E13 attached, size-AA / LR6 batteries can be used.	
Battery Information	Remaining capacity, Shutter count, Recharge performance, and Battery registration possible	
Number of Possible Shots (Based on CIPA Testing Standards)	With viewfinder shooting:	Approx. 1090 shots at room temperature (23°C / 73°F)
		Approx. 980 shots at low temperature (0°C / 32°F)
	With Live View shooting:	Approx. 220 shots at room temperature (23°C / 73°F)
		Approx. 190 shots at low temperature (0°C / 32°F)
Movie Shooting Time	Approx. 1hr. 35mins. at room temperature (23°C / 73°F) Approx. 1hr. 25mins. at low temperature (0°C / 32°F) (With a fully-charged Battery Pack LP-E6)	
Wireless LAN (WG)		
Standards Compliance	IEEE802.11b, IEEE802.11g, IEEE802.11n	
Transmission Method	DS-SS modulation (IEEE 802.11b) OFDM modulation (IEEE 802.11g, IEEE 802.11n)	
Transmission Range	Approx. 30m / 98.4ft. * With no obstructions between the transmitting and receiving antennas and no radio interference * With a large, high-performance antenna attached to the wireless LAN access point	
Transmission Frequency (Central Frequency)	Frequency:	2412 ~ 2462MHz
	Channels:	1 ~ 11ch
Connection Method	Infrastructure mode*, ad hoc mode, camera access point mode * Wi-Fi Protected Setup supported	

Security	Authentication method:	Open system, Shared key, WPA-PSK, WPA2-PSK
	Encryption:	WEP, TKIP, AES
Network Functions (WG)		
Transfer Images between Cameras	Transferring one image Transferring selected images Transferring resized images	
Connection to Smartphones	Images can be viewed, controlled, and received using a smartphone. Remote control of the camera using a smartphone	
Remote Operation using EOS Utility	Remote control functions and image viewing functions of EOS Utility can be used via a wireless LAN	
Print from Wi-Fi Printers	Images to be printed can be sent to a printer supporting DPS over IP	
Send Images to A Web Service	A link can be sent to Facebook*, Twitter, or email address. Send movies in the camera to YouTube. * You can also upload images directly to Facebook.	
View Images Using A Media Player	Images can be viewed using a DLNA-compatible media player	
Dimensions and Weight		
Dimensions (W x H x D)	Approx. 144.5 x 110.5 x 71.2mm / 5.7 x 4.4 x 2.8 in.	
Weight (EOS 6D (WG))	Approx. 755g / 26.7oz. (CIPA Guidelines) Approx. 680g / 24.0oz. (Body only)	
Weight (EOS 6D (N))	Approx. 750g / 26.5oz. (CIPA Guidelines) Approx. 675g / 23.8oz. (Body only)	
Weight (EOS 6D (WG))	Approx. 750g / 26.5oz. (CIPA Guidelines) Approx. 675g / 23.8oz. (Body only)	
Operating Environment		
Working Temperature Range	0°C - 40°C / 32°F - 104°F	
Working Humidity	85% or less	
Battery Pack LP-E6		
Type	Rechargeable lithium-ion battery	
Rated Voltage	7.2V DC	
Battery Capacity	1800mAh	
Dimensions (W x H x D)	Approx. 38.4 x 21.0 x 56.8mm / 1.5 x 0.8 x 2.2in.	

Weight	Approx. 80g / 2.8oz.
Battery Charger LC-E6	
Compatible Battery	Battery Pack LP-E6
Recharging Time	Approx. 2hrs. 30mins.
Rated Input	100 - 240V AC (50 / 60Hz)
Rated Output	8.4V DC / 1.2A
Working Temperature Range	5°C - 40°C / 41°F - 104°F
Working Humidity	85% or less
Dimensions (W x H x D)	Approx. 69.0 x 33.0 x 93.0mm / 2.7 x 1.3 x 3.7in.
Weight	Approx. 130g / 4.6oz.
Battery Charger LC-E6E	
Compatible Battery	Battery Pack LP-E6
Power Cord Length	Approx. 1m / 3.3ft.
Recharging Time	Approx. 2hrs. 30mins.
Rated Input	100 - 240V AC (50 / 60 Hz)
Rated Output	8.4V DC / 1.2A
Working Temperature Range	5°C - 40°C / 41°F - 104°F
Working Humidity	85% or less
Dimensions (W x H x D)	Approx. 69.0 x 33.0 x 93.0mm / 2.7 x 1.3 x 3.7in.
Weight	Approx. 125g / 4.4oz. (excluding power cord)

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