

Specifications (EOS 5D Mark IV)

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Type	Type	Digital, single-lens reflex, AF/AE camera
	Recording media	CF cards (Type I, UDMA Mode 7 supported) SD/SDHC*/SDXC* memory cards * UHS-I cards compatible.
	Image sensor size	Approx. 36.0 x 24.0 mm
	Compatible lenses	Canon EF lenses * Excluding EF-S and EF-M lenses (The effective angle of view of a lens is approximately equivalent to that of the focal length indicated.)
	Lens mount	Canon EF mount
Image Sensor	Type	CMOS sensor
	Effective pixels	Approx. 30.4 megapixels * Rounded off to the nearest 10,000 pixels.
	Aspect ratio	3:2
	Dust delete feature	Auto/Manual, Appending Dust Delete Data
Recording System	Recording format	Design rule for Camera File System (DCF) 2.0
	Image type	JPEG, RAW (14-bit Canon original), RAW+JPEG simultaneous recording possible
	Pixels recorded	L (Large) : Approx. 30.1 megapixels (6720 x 4480) M (Medium) : Approx. 13.3 megapixels (4464 x 2976) S1 (Small 1) : Approx. 7.5 megapixels (3360 x 2240) S2 (Small 2) : Approx. 2.5 megapixels (1920 x 1280) S3 (Small 3) : Approx. 0.35 megapixels (720 x 480) RAW : Approx. 30.1 megapixels (6720 x 4480) M-RAW : Approx. 16.9 megapixels (5040 x 3360) S-RAW : Approx. 7.5 megapixels (3360 x 2240)
	Dual Pixel	Possible

	RAW	
	Recording function	Standard, Auto switch card, Record separately, Record to multiple
	Create/select a folder	Possible
	File name	Preset code / User setting 1 / User setting 2
	File numbering	Continuous, Auto reset, Manual reset
Image Processing During Shooting	Picture Style	Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Defined 1 - 3
	White balance	Auto (Ambience priority), Auto (White priority), Preset (Daylight, Shade, Cloudy, Tungsten light, White fluorescent light, Flash), Custom, Color temperature setting (approx. 2500-10000 K) White balance correction and white balance bracketing features provided * Flash color temperature information transmission possible
	Automatic image brightness correction	Auto Lighting Optimizer provided
	Noise reduction	Applicable to high ISO speed shots and long exposures
	Highlight tone priority	Provided
	Lens aberration correction	Peripheral illumination correction, Distortion correction, Digital Lens Optimizer, Chromatic aberration correction, Diffraction correction
Viewfinder	Type	Eye-level pentaprism
	Coverage	Vertical/Horizontal approx. 100% (with eyepoint approx. 21 mm)
	Magnification	Approx. 0.71x (-1 m^{-1} with 50mm lens at infinity)
	Eyepoint	Approx. 21 mm (from eyepiece lens center at -1 m^{-1})
	Dioptric adjustment range	Approx. $-3.0 - +1.0 \text{ m}^{-1}$ (dpt)
	Focusing screen	Fixed
	Grid display	Provided
	Electronic level	Provided
	Function setting display	Battery (remaining capacity), Shooting mode, White balance, Drive mode, AF operation, Metering mode, Image type: JPEG/RAW, Digital Lens Optimizer, Dual Pixel RAW, Flicker detection, Warning indicator, AF status
	Mirror	Quick-return type
Depth-of-field preview	Provided	
Autofocus (during	Type	TTL secondary image-registration, phase-difference detection with the dedicated AF sensor

viewfinder shooting)	AF points	Max. 61 points (Cross-type AF point: Max. 41 points) * Number of available AF points, Dual cross-type AF points, and Cross-type AF points vary depending on the lens used. * f/2.8-sensitive, Dual cross-type AF at five center vertical AF points (AF group: With Group A lenses)
	Focusing brightness range	EV -3 - 18 (Conditions: f/2.8-sensitive center AF point, One-Shot AF, room temperature, ISO 100)
	Focus operation	One-Shot AF, AI Servo AF, AI Focus AF, Manual focusing (MF)
	AF area selection mode	Single-point Spot AF (manual selection), Single-point AF (manual selection), AF point expansion (manual selection: above, below, left, and right), AF point expansion (manual selection: surround), Zone AF (manual selection of zone), Large zone AF (manual selection of zone), Automatic selection AF
	AF point automatic selection conditions	Based on EOS iTR AF setting (Enables AF incorporating human face/color information) * iTR: Intelligent Tracking and Recognition
	AF Configuration Tool	Case 1 - 6
	AI Servo AF characteristics	Tracking sensitivity, Acceleration/deceleration tracking, AF point auto switching
	AF function customization	17 functions
	AF fine adjustment	AF Microadjustment (All lenses by the same amount, Adjust by lens)
	AF-assist beam	Emitted by the EOS-dedicated external Speedlite
Exposure Control	Metering mode	Approx. 150,000-pixel RGB+IR metering sensor and 252-zone TTL open-aperture metering EOS iSA (Intelligent Subject Analysis) system <ul style="list-style-type: none"> • Evaluative metering (linked to all AF points) • Partial metering (approx. 6.1% of viewfinder at center) • Spot metering (approx. 1.3% of viewfinder at center) • Center-weighted average metering
	Metering brightness range	EV 0 - 20 (at room temperature, ISO 100)
	Shooting mode	Scene Intelligent Auto, Program AE, Shutter-priority AE, Aperture-priority AE, Manual exposure, Bulb exposure, Custom shooting modes (C1/C2/C3)
	ISO speed (Recommended exposure index)	Scene Intelligent Auto: ISO 100 - ISO 12800 set automatically P, Tv, Av, M, B: ISO Auto, ISO 100 - ISO 32000 manual setting (in 1/3- or whole-stop increments), and expansion to L (equivalent to ISO 50), H1 (equivalent to ISO 51200), H2 (equivalent to ISO 102400) provided. * If highlight tone priority is set, the settable ISO speed range will be ISO 200 - ISO 32000.
	ISO speed settings	Still photo shooting range, Auto range, Auto minimum 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:With AE lock button
	Flicker reduction	Possible
	Interval timer	Shooting interval and shot count settable
	Bulb timer	Bulb exposure time settable
HDR Shooting	Dynamic range adjustment	Auto, ±1, ±2, ±3
	Effects	Natural, Art standard, Art vivid, Art bold, Art embossed
	Auto image align	Provided
Multiple Exposures	Shooting method	Function/control priority, Continuous shooting priority
	Number of multiple exposures	2 to 9 exposures
	Multiple-exposure control	Additive, Average, Bright, Dark
Shutter	Type	Electronically-controlled, focal-plane shutter
	Shutter speed	1/8000 sec. to 30 sec. (total shutter speed range; available range varies by shooting mode), Bulb, X-sync at 1/200 sec.
Drive System	Drive mode	Single shooting, High-speed continuous shooting, Low-speed continuous shooting, Silent single shooting, Silent continuous shooting, 10-sec. self-timer/remote control, 2- sec. self-timer/remote control
	Continuous shooting speed	High-speed continuous shooting: Max. approx. 7.0 shots/ sec. * Continuous shooting speed decreases during Antiflicker shooting, during Dual Pixel RAW shooting, during Live View shooting with Servo AF, or with Digital Lens Optimizer set. * The maximum continuous shooting speed during highspeed continuous shooting may decrease depending on the power source type, battery level, temperature, flicker reduction, Dual Pixel RAW shooting, Digital Lens Optimizer, shutter speed, aperture, subject conditions, brightness, AF operation, lens, flash use, shooting function settings, etc. Low-speed continuous shooting: Max. approx. 3.0 shots/ sec. Silent continuous shooting: Max. approx. 3.0 shots/sec.
	Max. burst	JPEG Large/Fine: Approx. 110 shots (Card Full) RAW: Approx. 17 shots (Approx. 21 shots) RAW+JPEG Large/Fine: Approx. 13 shots (Approx. 16 shots) * Based on Canon's standard testing CF card (Standard: 8 GB / High speed: UDMA Mode 7, 64 GB) and Canon's testing standards (high-speed continuous shooting, ISO 100, Standard Picture Style, no IPTC information appended). * Figures in parentheses apply to an UDMA Mode 7, with a CF card based on Canon's testing standards. * "Card Full" indicates that shooting is possible until the card becomes full.

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
	Flash control	Flash function settings, Flash C.Fn settings
Live View Shooting	Focus method	Dual pixel CMOS AF
	AF method	Face+Tracking, FlexiZone - Multi, FlexiZone - Single Manual focusing (approx. 5x and 10x magnification available for focus check)
	Focusing brightness range	EV -4 - 18 (at room temperature, ISO 100, One-Shot AF)
	Metering mode	Evaluative metering (315 zones), Partial metering (approx. 6.3% of Live View screen), Spot metering (approx. 2.7% of Live View screen), Center-weighted average metering
	Metering brightness range	EV 0 - 20 (at room temperature, ISO 100)
	Exposure compensation	±3 stops in 1/3- or 1/2-stop increments
	Silent Live View shooting	Provided (Mode 1 and 2)
	Touch shutter	Provided
	Grid display	3 types
Movie Shooting	Recording format	MOV, MP4
	Movie	4K: Motion JPEG Full HD/HD: MPEG-4 AVC/H.264 variable (average) bit rate
	Audio	MOV: Linear PCM, MP4: AAC
	Movie recording size	4K (4096x2160), Full HD (1920x1080), HD (1280x720: High Frame Rate movie)
	Frame rate	119.9p/59.94p/29.97p/24.00p/23.98p (with NTSC) 100.0p/50.00p/25.00p/24.00p (with PAL) * 119.9p/100.0p: High Frame Rate movie
	Movie recording method/Compression rate	Motion JPEG ALL-I (For editing/I-only), IPB (Standard), IPB (Light) * Motion JPEG and ALL-I available only when MOV is set. * IPB (Light) available only when MP4 is set.
	Bit rate	[MOV] 4K (29.97p/25.00p/24.00p/23.98p) : Approx. 500 Mbps Full HD (59.94p/50.00p)/ALL-I : Approx. 180 Mbps Full HD (59.94p/50.00p)/IPB : Approx. 60 Mbps Full HD (29.97p/25.00p/24.00p/23.98p)/ALL-I : Approx. 90 Mbps Full HD (29.97p/25.00p/24.00p/23.98p)/IPB (Standard) : Approx. 30 Mbps

	<p>HD (119.9p/100.0p)/ALL-I : Approx. 160 Mbps [MP4]</p> <p>Full HD (59.94p/50.00p)/IPB (Standard) : Approx. 60 Mbps</p> <p>Full HD (29.97p/25.00p/24.00p/23.98p)/IPB (Standard) : Approx. 30 Mbps</p> <p>Full HD (29.97p/25.00p)/IPB (Light) : Approx. 12 Mbps</p>
Card performance requirements (Writing/reading speed)	<p>4K (29.97p/25.00p/24.00p/23.98p) : CF UDMA 7: 100 MB/sec. or faster : SD UHS-I 90MB/sec. or faster</p> <p>Full HD (59.94p/50.00p)/ALL-I : CF UDMA 7: 60 MB/sec. or faster : SD UHS-I Speed Class 3 or faster</p> <p>Full HD (59.94p/50.00p)/IPB : CF 30 MB/sec. or faster : SD Speed Class 10 or faster</p> <p>Full HD (29.97p/25.00p/24.00p/23.98p)/ALL-I : CF 30 MB/sec. or faster : SD UHS-I Speed Class 3 or faster</p> <p>Full HD (29.97p/25.00p/24.00p/23.98p)/IPB (Standard) : CF 10 MB/sec. or faster : SD Speed Class 6 or faster</p> <p>Full HD (29.97p/25.00p)/IPB (Light) : CF 10 MB/sec. or faster : SD Speed Class 4 or faster</p> <p>HD (119.9p/100.0p) : CF UDMA 7: 60 MB/sec. or faster : SD UHS-I Speed Class 3 or faster</p>
Focus method	Dual pixel CMOS AF
AF method	Face+Tracking, FlexiZone - Multi, FlexiZone - Single Manual focusing (approx. 5x and 10x magnification available for focus check)
Movie servo AF	Possible * Movie Servo AF customizable
Focusing brightness range	EV -4 - 18 (at room temperature, ISO 100, One-Shot AF)
Metering mode	Center-weighted average and Evaluative metering with the image sensor * Automatically set by the focus method
Metering brightness range	EV 0 - 20 (at room temperature, ISO 100, with centerweighted average metering)
Exposure control	Autoexposure shooting (Program AE for movie shooting), Shutter-priority AE, Aperture-priority AE, Manual exposure
Exposure compensation	±3 stops in 1/3- or 1/2-stop increments
ISO speed (Recommended exposure index)	<p>[Full HD]</p> <p>Scene Intelligent Auto: Automatically set within ISO 100 - ISO 25600</p> <p>P/Tv/Av/B: Automatically set within ISO 100 - ISO 25600, expandable to H (equivalent to ISO 32000), H1 (equivalent to ISO 51200), H2 (equivalent to ISO 102400)</p> <p>M: ISO Auto (automatically set within ISO 100 - ISO 25600), ISO 100 - ISO 25600 manual setting (in 1/3- or whole-stop increments), expandable to H (equivalent to ISO 32000), H1 (equivalent to ISO 51200), H2 (equivalent to ISO 102400) * The settable range is different for HDR movie shooting and time-lapse movie shooting.</p>

	[4K] Scene Intelligent Auto: Automatically set within ISO 100 - ISO 12800 P/Tv/Av/B: Automatically set within ISO 100 - ISO 12800, expandable to H (equivalent to ISO 16000/20000/25600/ 32000), H1 (equivalent to ISO 51200), H2 (equivalent to ISO 102400) M: ISO Auto (automatically set within ISO 100 - ISO 12800), ISO 100 - ISO 12800 manual setting (in 1/3- or whole-stop increments), expandable to H (equivalent to ISO 16000/20000/25600/32000), H1 (equivalent to ISO 51200), H2 (equivalent to ISO 102400)
ISO speed settings	Range for movie shooting and 4K settable
Time code	Appendable
Drop frames	Compatible with 119.9p/59.94p/29.97p
Sound recording	Built-in monaural microphone, external stereo microphone terminal provided Sound-recording level adjustable, wind filter provided,attenuator provided
Headphones	Headphone terminal provided, sound volume adjustable
Grid display	3 types
HDR movie shooting	Provided
Time-lapse movie	Shooting interval and shot count settable Required shooting time period, playback length, and remaining card capacity can be checked
2-screen display	LCD monitor and HDMI output movie displayable simultaneously
HDMI output	Image without information can be output. * Auto / 59.94i/50.00i / 59.94p/50.00p / 23.98p selectable. * When [24.00p: Enable] is set, the movie image is output at 24.00p via HDMI. * Time code appendable
Remote control shooting	Provided
Accessory mount	Bottom equipped with positioning hole to prevent rotation.
Still photo shooting	Not possible during movie shooting.

LCD Monitor	Type	TFT color, liquid-crystal monitor
	Monitor size and dots	Wide 8.1 cm (3.2-in) (3:2) with approx. 1.62 million dots
	Brightness adjustment	Auto (Dark, Standard, Bright), Manual (7 levels)
	Color tone adjustment	Warm tone / Standard / Cool tone 1 / Cool tone 2
	Electronic level	Provided
	Interface languages	25
	Touch screen	Capacitive sensing
	Help display	Possible

Playback	Image display format	Single-image display (without shooting information), Single-image display (with basic information), Singleimage display (Shooting information displayed: Detailed information, Lens/histogram, White balance, Picture Style 1, Picture Style 2, Color space/noise reduction, Lens aberration correction 1, Lens aberration correction 2, GPS information, IPTC information), Index display (4/9/36/100 images), Two-image display
	Highlight alert	Overexposed highlights blink
	AF point display	Provided (may not be displayed depending on shooting conditions)
	Grid display	3 types
	Magnified view	Approx. 1.5x-10x, initial magnification and position settable
	Image browsing method	Single image, Jump by 10 or 100 images, By shooting date, By folder, By movies, By stills, By protected images, By rating
	Image rotation	Provided
	Image protection	Provided
	Rating	Provided
	Movie playback	Enabled (LCD monitor, HDMI)
	Start/end movie scene editing	Possible
	4K Frame Grab	Frame Grab can be saved as JPEG image.
	Slide show	All images, By date, By folder, By movies, By stills, By protected images, By rating
	Copying images	Possible
Post-Processing of Images	In-camera RAW image processing	Brightness adjustment, White balance, Picture Style, Auto Lighting Optimizer, High ISO speed noise reduction, JPEG image-recording quality, Color space, Lens aberration correction (Peripheral illumination correction, Distortion correction, Digital lens optimizer, Chromatic aberration correction, Diffraction correction)
	Resize	Provided
	Cropping	Provided
Image Transfer	Transferrable files	Still photos (JPEG, RAW, RAW+JPEG images), Movies
Print Ordering	DPOF	Version 1.1 compliant
GPS Functions	Compatible satellites	GPS satellites (USA), GLONASS satellites (Russia), Quasi-Zenith Satellite System (QZSS) MICHIBIKI (Japan)

	GPS signal reception modes	Mode 1, Mode 2
	Geotag information appended to image	Latitude, Longitude, Elevation, Coordinated Universal Time (UTC), Satellite signal acquisition status
	Position update interval	1 sec., 5 sec., 10 sec., 15 sec., 30 sec., 1 min., 2 min., 5 min.
	Time setting	GPS time data set to camera
	Log data	One file per day, NMEA format * Change in time zone creates another file. * The log data saved in internal memory can be transferred to a card or downloaded to a computer as a log file.
	Log data deletion	Possible
Customization Features	Custom Functions	17 functions
	Custom Quick Control	Provided
	Custom shooting modes	Register under C1, C2, or C3 mode
	My Menu	Up to 5 screens can be registered
	Copyright information	Text entry and appending possible
	IPTC information	Appendable
Interface	DIGITAL terminal	SuperSpeed USB (USB 3.0) Computer communication, Wireless File Transmitter WFT-E7 (Ver. 2), Connect Station CS100 connection
	HDMI mini OUT terminal	Type C (Auto switching of resolution), CEC-compatible
	External microphone IN terminal	3.5 mm diameter stereo mini-jack Directional Stereo Microphone DM-E1 connection
	Headphone terminal	3.5 mm diameter stereo mini-jack
	Remote control terminal	For N3-type remote control units
	Wireless remote	Compatible with Remote Controller RC-6

	control	
	Eye-Fi card	Supported
Power	Battery	Battery Pack LP-E6N/LP-E6, quantity 1 * AC power usable with household power outlet accessories.
	Battery information	Power source, Battery level, Shutter count, Recharge performance, Battery registration indicated
	Number of possible shots	With viewfinder shooting: Approx. 900 shots at room temperature (23°C/73°F), approx. 850 shots at low temperatures (0°C/32°F) With Live View shooting: Approx. 300 shots at room temperature (23°C/73°F), approx. 280 shots at low temperatures (0°C/32°F) * With a fully-charged Battery Pack LP-E6N.
	Movie shooting time	Total approx. 1 hr. 30 min. at room temperature (23°C/ 73°F) Total approx. 1 hr. 20 min. at low temperatures (0°C/ 32°F) * With a fully-charged Battery Pack LP-E6N, Movie Servo AF disabled, and Full HD 29.97p/25.00p/24.00p/ 23.98p IPB (Standard).
Dimensions and Weight	Dimensions (W x H x D)	Approx. 150.7 x 116.4 x 75.9 mm / 5.93 x 4.58 x 2.99 in.
	Weight	Approx. 890 g / 31.39 oz. (CIPA Guidelines), Approx. 800 g / 28.22 oz. (Body only)
Operation Environment	Working temperature range	0°C - 40°C / 32°F - 104°F
	Working humidity	85% or less

Wi-Fi Specifications

Wireless Communications	Standards compliance	IEEE 802.11b/g/n
	Transmission method	DS-SS modulation (IEEE 802.11b) OFDM modulation (IEEE 802.11g/n)
	Transmission range	Approx. 15 m / 49.2 ft. * When connected to a smartphone * With no obstructions between the transmitting and receiving antennas and no radio interference
	Transmission frequency (central frequency)	Frequency : 2412 to 2462 MHz Channels : 1 to 11 ch
	Connection method	Camera access point mode, infrastructure*, ad hoc mode * Wi-Fi Protected Setup supported
	Security	Authentication method: Open system, Shared key, WPA/ WPA2-PSK Encryption: WEP, TKIP, AES
	NFC connection	For communication with smartphones or connection to Connect Station

Wi-Fi Functions	Connection to smartphones	Images can be viewed, controlled, and received using a smartphone. Remote control of the camera using a smartphone is possible. Images can be sent to a smartphone.
	Connect to Connect Station	Images can be sent to and saved on Connect Station.
	Remote operation using EOS Utility	Remote control functions and image viewing functions of EOS Utility can be used wirelessly.
	Print from Wi-Fi printers	Images to be printed can be sent to a printer supporting Wi-Fi.
	Transfer images to an FTP server	Automatic transfer, Transfer selected images, Transfer with SET, and Transfer with caption. * FTPS supported
	Send images to a Web service	Images in the camera or links to images can be sent to registered Web services.

Battery Pack LP-E6N

Type	Rechargeable lithium-ion battery
Rated voltage	7.2 V DC
Battery capacity	1865 mAh
Working temperature range	0°C - 40°C / 32°F - 104°F
Working humidity	85% or less
Dimensions (W x H x D)	Approx. 38.4 x 21.0 x 56.8 mm / 1.51 x 0.83 x 2.24 in.
Weight	Approx. 80g / 2.82 oz. (excluding protective cover)

Battery Charger LC-E6

Compatible battery	Battery Pack LP-E6N/LP-E6
Recharge time	Approx. 2 hr. 30 min. (at room temperature)
Rated input	100 - 240 V AC (50/60 Hz)
Rated output	8.4 V DC / 1.2 A
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 93.0 mm / 2.7 x 1.3 x 3.7 in.
Weight	Approx. 115 g / 4.1 oz.

Battery Charger LC-E6E

Compatible battery	Battery Pack LP-E6N/LP-E6
Power cord length	Approx. 1 m / 3.3 ft.
Recharging time	Approx. 2 hr. 30 min.

Rated input	100 - 240 V AC (50/60 Hz)
Rated output	8.4 V DC / 1.2 A
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 93.0 mm / 2.7 x 1.3 x 3.7 in.
Weight	Approx. 110 g / 3.9 oz. (excluding power cord)

See	All the data above is based on Canon's testing standards and CIPA (Camera & Imaging Products Association) testing standards and guidelines.
	Dimensions and weight listed above are based on CIPA Guidelines (except weight for camera body only).
	Product specifications and the exterior are subject to change without notice.
	If a problem occurs with a non-Canon lens attached to the camera, consult the respective lens manufacturer.

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