



Specifications

Туре	
Туре	Digital, AF/AE single-lens reflex camera with built-in flash
Recording Media	SD, SDHC and SDXC Memory Cards • Compatible with SD speed class cards. • Not compatible with UHS speed class cards. • Compatible with Eye-Fi Cards. • Multimedia cards (MMC) cannot be used. (A card error will be displayed.)
Image Format	Approx. 22.3mm x 14.9mm (APS-C)
Compatible Lenses	Canon EF Lenses (including EF-S lenses and excluding EF-M lenses)
Lens Mount	Canon EF mount
Image Sensor	
Туре	CMOS sensor
Pixels	Effective pixels: Approx. 24.10 megapixels (rounded to the nearest 100,000) Total pixels: Approx. 24.70 megapixels (rounded to the nearest 100,000)
Pixel Unit	Approx. 3.72 μm square
Aspect Ratio	3:2 (Horizontal: Vertical)
Color Filter System	RGB primary color filters
Low Pass Filter	Installed in front of the image sensor, non-detachable
Dust Deletion Feature	 (1) Dust Delete Data acquisition and appending The coordinates of the dust adhering to the low-pass filter are detected by a test shot and appended to subsequent images. The dust coordinate data appended to the image is used by the EOS software to automatically erase the dust spots. (2) Manual cleaning by hand Self Cleaning Sensor Unit not provided.

Recording System	
Recording Format	Compliant to Design rule for Camera File system 2.0 and Exif 2.30
Image Format	JPEG, RAW (14 bit Canon original)
File Size	3:2 Aspect Ratio Large: 6000 x 4000 Medium: 3984 x 2656 Small 1: 2976 x 1984 Small 2: 1920 x 1280 Small 3: 720 x 480 RAW: 6000 x 4000 4:3 Aspect Ratio Large: 5328 x 4000° Medium: 3552 x 2664 Small 1: 2656 x 1992 Small 2: 1696 x 1280° Small 3: 640 x 480 RAW: 6000 x 4000 16:9 Aspect Ratio Large: 6000 x 3368° Medium: 3984 x 2240° Small 1: 2976 x 1680° Small 1: 1920 x 1080 Small 3: 720 x 408° RAW: 6000 x 4000 1:1 Aspect Ratio Large: 4000 x 4000 1:1 Aspect Ratio Large: 4000 x 4000 Medium: 2656 x 2656 Small 1: 1984 x 1984 Small 2: 1280 x 1280 Small 3: 480 x 480 RAW: 6000 x 4000 *The dimensions will not attain a perfect aspect ratio. Values are rounded to the nearest 100,000 (Nearest 10,000 for 53.) For JPEG, the image will be generated according to the selected aspect ratio. RAW images are generated in [3:2], and the set aspect ratio is appended.
File Numbering	The following three types of file numbering method can be set: (1) Continuous numbering • The numbering of captured images will continue even after you replace the card. (The numbering continues even when the folder changes.) (2) Auto reset • When you replace the camera's card, the numbering will be reset to start from 0001. If the new card already contains images, the numbering will continue from the last recorded image in the card. (3) Manual reset • Resets the file number to 0001, and creates a new folder automatically.
Color Space	sRGB/Adobe RGB

Picture Style	(1) Auto (2) Standard (3) Portrait (4) Landscape (5) Neutral (6) Faithful (7) Monochrome (8) User Defined 1–3 a. In Basic Zone modes, "Auto" is set automatically.				
	b. In Creative Zone modes, you can select and set the Picture Style. c. Default settings for [User Defined 1–3] are [Auto].				
White Balance					
Settings	 (1) Auto (Ambience priority / White priority) (2) Daylight (3) Shade (4) Cloudy* (5) Tungsten light (6) White fluorescent light (7) Flash (8) Custom (Custom WB) *Effective also in twilight and sunset. 				
Auto White Balance	Option between ambience priority and white priority settings				
Color Temperature Compensation	Blue/amber bias: ±9 levels Magenta/green bias: ±9 levels Corrected in reference to the current WB mode's color temperature.				
Viewfinder					
Туре	Eye-level single lens reflex (with fixed pentamirror)				
Coverage	Approx. 95% vertically and horizontally (with Eye point approx. 21mm)				
Magnification/ Angle of View	Approx. $0.8x / 22.4^{\circ}$ (-1m ⁻¹ with 50mm lens at infinity)				
Eye Point	Approx. 21mm (At -1m ⁻¹ from eyepiece lens center)				
Dioptric Adjustment Correction	Adjustable from approx2.5 to +0.5 m ⁻¹ (dpt)				
Focusing Screen	Fixed				
Mirror	Quick-return half mirror				
Viewfinder Information	AF point, AF point activation indicator, ISO speed, White balance correction, Focus indicator, Maximum burst, Monochrome shooting, ISO speed, Highlight tone priority, Exposure level indicator, Exposure compensation amount AEB range, Red-eye reduction lamp ON, Aperture, Card full warning, Card error warning, No card warning, Shutter speed, FE lock, Busy, Built-in flash recycling, Flash exposure compensation, High-speed sync (FP flash), FE lock/FEB in-progress, Flash-ready, FE lock out of range warning, AE lock/AEB in-progress, Focusing screen				
Depth of Field Preview	Possible (with C.Fn-9 (Assign SET button) setting)				

Autofocus	
Туре	TTL secondary image-forming phase-difference detection system with AF-dedicated sensor
AF Points	9 points All AF points support f/5.6 Cross-type AF with center AF point
AF Working Range	With One-Shot AF (at room temperature and ISO 100, based on Canon's testing standards) EV 0–18 (center AF point) EV 1–18 (other AF points)
Focusing Modes	(1) Autofocus 1. One-Shot AF 2. Predictive AI Servo AF 3. AI Focus AF • Switches between One-Shot AF and AI Servo AF automatically. (2) Manual focus
AF Point Selection	(1) Manual selection (2) Auto selection • AF point selection for Basic Zone modes is fixed to Automatic selection.
AF Assist Beam	Intermittent firing of built-in flash Effective range: Center: Approx. 13.1 ft. / 4.0m Periphery: Approx. 11.5 ft. / 3.5m With an EOS-dedicated Speedlite attached, the Speedlite's AF-assist beam is emitted instead.
Exposure Control	
Metering Mode	Dual-layer metering sensor with the area divided into 63 zones. (1) Evaluative metering (supporting all AF points) (2) Partial metering (center, approx. 10% of viewfinder) (3) Center-weighted average metering *Spot metering not provided.
Metering Range	EV 1–20 (room temperature, ISO 100, evaluative metering)
Exposure Control Systems	Creative Zone (1) Program AE (shiftable) (2) Shutter-priority AE (3) Aperture-priority AE (4) Manual exposure (including bulb) Basic Zone (1) Scene Intelligent Auto (Program AE/non-shiftable) (2) Flash Off (3) Creative Auto (4) Portrait (5) Landscape (6) Close-up (7) Sports (8) Food (9) Night Portrait

					able equivalent to ISO 12800. n ISO 200 to ISO 6400.		
	ISO Auto setting: ISO 100–6400 In Creative Zone modes, the maximum ISO speed (ISO 400, 800, 1600, 3200 or 6400) for ISO Auto can be set.						
	Shooting Mode			ISO Settings			
Joo S. J.D.	Scene Intelligent Auto, Flash Off, Creative Auto, Landscape, Close-up, Sports, Food, Night Portrait			ISO 100-3200			
ISO Speed Range		Portrait		ISO 100			
	F	, Tv, Av, M		ISO 100-6400*1			
	V	Vith flash		ISO 800*2,3,4,5			
	With b	ulb exposures		ISO 800*5			
	(1) Manual: ±5 stops in 1/3- or 1/2-stop increments • If the exposure compensation exceeds ±2 stops, the left or right icon will appear in the viewfinder. (2) AEB: ±2 stops in 1/3- or 1/2-stop increments						
	Correction Factor						
	Shooting Mode		orrection Facto				
		Shutter Speed	Aperture	ISO Speed			
Exposure Compensation	Р	Yes	Yes				
	Tv Av	Yes	Yes	Yes (with ISO Auto)			
	M	Yes (with AEB)					
	Manual exposure (compensation and a	Standard expo	osure, decreased ex	posure and increased exposure. en in succession after the 10-sec.		
AE Lock	2-sec. delay. (1) Auto AE lock • In the One-Shot AF mode with evaluative metering, AE lock takes effect when focus is achieved. (2) Manual AE lock • In P, Tv and Av modes, possible with the AE lock button. (Press again to update.) • Possible in all metering modes.						

Shutter	
Туре	Vertical-travel shutter with electronic first-curtain control and mechanical second-curtain control
Shutter Speeds	1/4000 to 30 sec., Bulb (Total shutter speed range) X-sync at 1/200 sec. *Settable in 1/3- or 1/2-stop increments.
Shutter Release	Soft-touch electromagnetic release
Self Timer	10-sec. delay, 2-sec. delay
Shutter Lag Time	(1) During SW-1 ON, time lag between SW-2 ON and start of exposure: Approx. 120 ms (2) Time lag between simultaneous SW-1/SW-2 ON and start of exposure: Approx. 240 ms
Remote Control	Possible by using Remote Switch RS-60E3
Built-in Flash	
Туре	Auto pop-up, retractable, built-in flash in the pentamirror
Flash Metering System	E-TTL II autoflash (Evaluative, Average), FE lock
Guide Number	Approx. 30.2 ft./9.2m (at ISO 100)
Recycling Time	Approx. 2 sec.
Flash Coverage	Up to approx. 17mm focal length (equivalent to approx. 28mm in 35mm format)
Flash Exposure Compensation	Up to ± 2 stops in $1/3$ - or $1/2$ -stop increments Flash exposure compensation for built-in flash and external Speedlite can be set with the camera.
FE Lock	Possible
External Speedlite	
Flash Exposure Compensation	±2 stops in 1/3- or 1/2-stop increments
Drive System	
Drive Modes	 (1) Single shooting (2) Continuous shooting • Max. approx. 3.0 fps • Shutter speed 1/500 sec., Maximum aperture • Continuous shooting speed may become slower depending on the shutter speed, aperture, subject condition, brightness, lens model, flash use, remaining battery capacity, etc. (3) 10-sec. self-timer (4) 2-sec. self-timer (5) Continuous shooting after 10-sec. self-timer (2 to 10 shots)
Continuous Shooting Speed	Max. approx. 3.0 fps

	Image Recording Quality	Image File Size (Approx. MB)	Possible Shots (Approx.)	Maximum Burst (Approx.)	
	Large/Fine	7.5	940	150	
	Large/Normal	3.7	1920	Full	
	Medium/Fine	3.9	1820	Full	
	Medium/Normal	1.9	3580	Full	
	Small 1/Fine	2.4	2880	Full	
um Burst	Small 1/Normal	1.3	5440	Full	
	Small 2	1.3	5440	Full	
	Small 3	0.3	19380	Full	
	RAW + Large/Fine	30.3 + 7.5	180	6	
	RAW	30.3	230	11	

rds. "Full" indicates that shooting is possible until the card becomes full.

Live View Functions	
Shooting Modes	Still photo and video recording
Focusing Modes	(1) Contrast AF 1. FlexiZone-Single 2. Face Detection Live mode • Covers approx. 80% of the image display area vertically and horizontally. 3. Quick mode • TTL secondary image registration, phase-difference detection with AF-dedicated sensor. • AF point manual selection anda selection possible. • Automatically set in Basic Zone modes. (2) Manual focus • Magnify the image by approx. 5x or 10x and focus manually.
Metering Modes	Evaluative metering (315-zone) * AE lock possible. Metering timer duration can be changed.
Metering Range	EV 0-20 (room temperature, ISO 100)
Grid Display	One of two types of grids can be selected and displayed on the screen. (1) Grid 1: 2 vertical and 2 horizontal lines (3x3) (2) Grid 2: 5 vertical and 3 horizontal lines (6x4)
Video Shooting	
File Format	MOV: Movie: MPEG4 AVC/H.264 * Variable (average) bit rate Audio: Linear PCM
File Size	[Full HD]: 1920 x 1080 (30 fps/24 fps): 340 MB/min. [HD]: 1280 x 720 (60 fps): 340 MB/min. [SD]: 640 x 480 (30 fps): 90 MB/min.
Frame Rates	1920 x 1080 (Full HD): 30 fps (29.97 fps) / 24 fps (23.98 fps) 1280 x 720 (HD): 60 fps (59.94 fps) 640 x 480 (SD): 30 fps (29.97 fps)

Continuous Shooting Time

Movie Recording Size		Total Recording Time per Card (approx.)				File Size	Bit Rate	
		8GB	16GB	32GB	64GB	(approx.)	(Mbps)	
1920 x 1080	30 fps 22 min. 44 min.	44 min.	1 hr. 29 min.	2 hr. 59 min.	340 MB/min.	46 Mbps		
1920 X 1080	24 fps	22 111111.	44 111111.	1111. 29111111.	2111. 33 111111.	340 MID/ IIIIII.	40 Minh2	
1280 x 720	60 fps	22 min.	44 min.	1 hr. 29 min.	2 hr. 59 min.	340 MB/min.	46 Mbps	
640 x 480	30 fps	1 hr. 25 min.	2 hr. 50 min.	5 hr. 40 min.	11 hr. 20 min.	90 MB/min.	11 Mbps	

Actual frame rates are as follows:

60 fps: 59.94 fps, 30 fps: 29.97 fps, 24 fps: 23.98 (23.976) fps

Exposure Control	 (1) Program AE for movie shooting Shutter speed 1/30-1/4000 sec. (signal accumulation time), aperture and ISO speed automatically set. (2) Manual exposure Shutter speed (signal accumulation time), aperture and ISO speed (auto/manual) manually set. The shutter speed (signal accumulation time) is limited to 1/4000 sec. at the maximum and to 1/30 sec. at the minimum for 24/30 fps or to 1/60 sec. or higher for 60 fps. 			
Focusing	(1) Contrast AF (2) Manual focus *Magnify the image by approx. 5x or 10x and focus manually.			
Exposure Compensation	Possible (±3 stops)			
LCD Monitor				
Туре	TFT color, liquid-crystal monitor			
Monitor Size	3.0-inch (Screen aspect ratio of 4:3) Approx. 7.5cm diagonal (width: approx. 6.0cm, height: approx. 4.5cm)			
Pixels	Approx. 920,000 dots			
Coverage	Approx. 170° vertically and horizontally			
Brightness Control	Adjustable to one of seven brightness levels			
Interface Languages	25 (English, German, French, Dutch, Danish, Portuguese, Finnish, Italian, Norwegian, Swedish, Spanish, Greek, Russian, Polish, Hungarian, Czech, Romanian, Ukraine, Turkish, Arabic, Thai, Simplified/Traditional Chinese, Korean, Japanese)			
Playback				
(1) Single image display • Basic information • Basic information + image quality/image file number • Shooting information • Histogram display (2) Index display; 4 or 9 images				
Highlight Alert	On the detailed information and histogram displays, highlight areas with no image data will blink.			
Quick Control Function	on			
During Shooting When you press the Quick Control button while shooting images, you can set various functions. Settable functions differ between viewfinder shooting, Live View shooting and movie shooting.				
During Playback When you press the Quick Control button during playback, you can set various functions. Settable functions differ between still photo shooting and movie shooting.				

Image Protection and	d Erase				
Protection	Erase protection can be applied/canceled for a single image, all images in a folder or all images in the card.				
Erase	Erase unprotected image(s) with selection from Single image, Selected images, All images on folder or All images in a card.				
Direct Printing					
Compatible Printers	PictBridge-compatible printers				
Printable Images	RAW and JPEG images compliant to "Design rule for Camera File System (DCF)" Movies cannot be printed.				
DPOF: Digital Print O	order Format				
DPOF	Compliant to DPOF Version 1.1				
Customization					
Custom Functions	11 Custom Functions with 33 settings settable with the camera				
Custom Controls	Not provided				
Camera User Settings	Not provided				
My Menu Registration	Menu functions, Custom Functions Up to six kinds of function settings can be selected and registered from the top-tier menu functions.				
Interface					
USB Terminal	Hi-Speed USB equivalent • Computer • PictBridge • Connect Station CS100 connection • GPS Receiver GP-E2 connection				
Video Out Terminal	HDMI Type C (Resolution switches automatically) Video output: (Switches automatically to 1, 2, 3 or 4 to suit the connected device.) (1) 1080/60i (2) 1080/50i (3) 480/60p (4) 576/50p				
Extension System Terminal	Remote Switch RS-60E3 Terminal				
Wi-Fi® (Wireless LAN	and NFC Functions				
Standards Compliance	IEEE 802.11b/g/n				
Transmission Range	Approx. 49.21 ft. / 15m • When communicating with a smartphone or tablet. • With no obstructions between the antennas and no radio interference from other devices.				
Connection Method	(1) Camera access point mode (2) Infrastructure mode				

NFC Connection	Possible					
Power Source						
Battery	Battery Pack LP-E10 x 1 *The camera can be powered by a	n AC power supply by using	the household power out	elet accessories (sold separately).		
	Camera body only					
			Possil	Possible Shots		
Number of Shots	Shooting Method	Temperature	AE 100%	AE 50%, FA 50% (Based on CIPA testing standards)		
Number of Shots	Viewfinder shooting	At 73°F/23°C	Арргох. 600	Approx. 500		
	viewiiidei silootiiig	At 32°F/0°C	Арргох. 580	Approx. 410		
	Live View shooting	At 73°F/23°C	Approx. 260	Approx. 240		
	Live view shooting	At 32°F/0°C	Approx. 250	Approx. 230		
Battery Check	Automatic battery check when the power switch is turned ON. Battery level indicated in one of the four levels on LCD monitor.					
Power Saving	Power turns off automatically after the set time of non-operation elapses. • [Auto power off] settable to 30 sec., 1 min., 2 min., 4 min., 8 min., 15 min. or Disable					
Date/Time Battery	Built-in secondary battery Maintains date/time for about 3 months when fully charged					
Start-up Time	Approx. 0.1 sec. (CIPA standards)					
Dimensions and Weig	ht					
Dimensions (W x H x D)	Approx. 5.08 x 3.99 x 3.06 in. / 129.0 x 101.3 x 77.6mm *In CIPA guidelines					
Weight	Approx. 16.75 oz. / 475g (including battery and card) Approx. 15.06 oz. / 427g (body only)					
Operating Environme	nt					
Working Temperature Range	32-104°F/0-40°C					
Working Humidity Range	85% or less					