Type
Digital, AF/AE single-lens reflex camera

Recording Media

CFexpress cards, Type B

- Dual CFexpress card slots
- XQD, CFast, CF and SD cards not supported

Specifications	CFexpress 1.0	CFast 2.0
Maximum transfer speed	1.97 GB/s	600 MB/s

CFexpress cards provide significantly faster read/write speeds than CFast or CF cards, supporting extensive still-image burst rates, and RAW video recording.

* Canon is an authorized licensee of the CFast 2.0™ trademark, which may be registered in various jurisdictions.

Image Format
Approx. 36mm x 24mm (35mm Full-frame)

Compatible Lenses
Canon EF Lenses (excluding EF-S and EF-M lenses)

Lens Mount
Canon EF Mount

Image Sensor

Type
High-sensitivity, high-resolution, large single-plate full-frame CMOS sensor

Pixels
Effective Pixels: Approx. 20.1 megapixels

Total Pixels
Approx. 21.4 megapixels

Aspect Ratio
3:2 (Horizontal: Vertical)

Color Filter System
RGB primary color filters

Low Pass Filter
High Detail Low Pass Filter, breaking one incoming light ray into 16 rays at image sensor

Dust Deletion Feature
(1) Self Cleaning Sensor Unit

- Self-cleaning can be done automatically when the power is turned on/off.
- During manual cleaning ([Clean now]), the data for light spot correction is also obtained.

(2) 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.

(3) Manual cleaning

Recording System

Recording Format
Design Rule for Camera File System 2.0 and EXIF 2.31*

* Supports time difference information.

File Name

Image type		Extension
Stills	JPEG	JPG
	HEIF	HIF
	RAW	CR3
	C-RAW	
Movies	ALL-I, IPB	MP4
	RAW	CRM

File Size

JPEG (8bit), HEIF (10 bit), RAW (14 bit, Canon original)

Image quality		Resolution (Pixels)
JPEG	L	Approx. 20.0 megapixels (5472 x 3648)
	M1	Approx. 12.7 megapixels (4368 x 2912)

	M2	Approx. 8.9 megapixels (3648 x 2432)
	S	Approx. 5.0 megapixels (2736 x 1824)
HEIF	L	Approx. 20 megapixels (5472 x 3648)
RAW	RAW / C-RAW	

Backup Recording
N/A

File Numbering
The following three types of file numbers can be set:
(1) Continuous numbering

- The numbering of captured images continues even after you replace the card.

(2) Auto reset

- When you replace the 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.

RAW + JPEG Simultaneous Recording
Simultaneous recording of any combination of RAW/C-RAW and JPEG or HEIF image-recording quality is supported.

Color Space
sRGB, Adobe RGB

Picture Style
Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Defined 1-3*

* [Standard] is the default setting for [User Def. 1-3]

White Balance

Settings
Auto (Ambience priority/White priority), Daylight, Shade, Cloudy[1], Tungsten Light, White Fluorescent Light, Flash (Auto Setting)[2], Custom (Custom WB) 1-5[3], Color Temperature

[1] Also effective in twilight and sunset.

[2] With an EX or EL-series Speedlite having the color temperature information transmission feature, the color temperature setting changes to match the color temperature when the flash is fired. Set to

approx. 6000K if the flash unit does not have the color temperature communication feature.

*3 [Select image on card], [Record and register WB], and [Edit WB name] are supported. HEIF image cannot be selected.

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.

Color Temperature Information Transmission
Provided

Viewfinder

Type
Eye-level SLR type, with pentaprism

Coverage
Approx. 100% vertically and horizontally

Magnification
Approx. 0.76x (-1m^{-1} with 50mm lens at infinity) / 35.1° angle of view

Eye Point
Approx. 20mm (at -1m^{-1} from eyepiece lens center)

Dioptric Adjustment Correction
-3.0 to +1.0 m^{-1} (diopter)

Focusing Screen
Fixed

Mirror
Quick-return half mirror

Viewfinder Information
AF displays, with red dot-matrix illumination:

191 AF points; active AF Area; Zone AF brackets; Automatic AF point select brackets

Exposure Displays:

Manual mode icon; AE Lock icon; Flash ready icon; FEL icon; Shutter speed; Aperture; Exposure compensation scale; Frames remaining on card; ISO; Highlight Tone Priority (D+) active; AF confirmation icon; AI Servo AF active arrows

Right side display:

+/- 3-stop metering scale; Flash Exposure Compensation/FEL/Flash Metered Manual scale; Frames remaining in burst (0~99); JPEG/RAW icons; Battery level icon

Displayed on focus screen, via LCD overlay:

Spot metering circle; Electronic level display; Grid lines; Shooting mode; Metering mode; White Balance setting; Drive mode; AF Operation; Flicker Detection icon; Warning symbol; AF status indicator

All except Spot meter circle can be displayed or not with [Show/Hide in viewfinder]

Depth Of Field Preview
Provided

Autofocus

Type
TTL secondary image-forming phase-difference detection system with High-res AF Sensor

AF Points

Max. 191 points (Cross-type AF points: Max. 155 points)

AF Point type	Maximum available AF points
Dual Cross-type AF Points at f/2.8 and f/5.6	1
Cross-type AF Points at f/4.0+f/5.6	90
Cross-type AF Points at f/5.6	64
AF Points at f/5.6	36
AF Points at f/8	191
Cross-type AF Points at f/8	65

The number of AF points, cross-type AF points and dual cross-type AF points vary depending on the lens used.

AF Working Range

AF Point	Brightness
f/2.8 AF point at center	EV -4 – 21
f/5.6 AF point at center	EV -3 – 21
Peripheral f/5.6 AF points	EV -1.5 – 21

Focusing Modes
(1) Autofocus

1. One-Shot AF
2. AI Servo AF

(2) Manual focus

AF Point Selection
Manually-selected AF Areas

- Spot AF
- Single-point AF
- AF point Expansion (4-point surround)
- AF point Expansion (8-point surround)
- Zone AF
- Large Zone AF (all AF points divided into three large zones)

Automatic AF point selection (all AF points available; reference brackets around AF array)

AF Function Registration/Switching
Customizable with Custom Controls

Selected AF Point Display
Red dot-matrix illumination of AF points, zone AF brackets, and Auto AF Area brackets

Active AF Point Indicator
(1) Displayed in viewfinder area

AF Assist Beam
When an external EOS-dedicated Speedlite is attached to the camera, the following options are available:

(1) Enable

(2) Disable

(3) IR AF assist beam only

Exposure Control

Metering Modes
Optical Viewfinder: 216-zone (18 x 12) metering with approx. 400,000-pixel RGB+IR metering sensor.

Live View: 384-zone (24 x 16) metering using image sensor output signals

The following metering modes selectable:

(1) Evaluative metering (linked to all AF points)

(2) Partial metering (Viewfinder: Approx. 6.2% of the screen) (Live View: Approx. 5.8% of the screen)

(3) Spot metering (center, approx. 1.5% of viewfinder) (Live View: Approx. 2.9% of the screen)

1. Center spot metering
2. AF point-linked spot metering (Custom Function)

   - Linkable to all AF points.
   - With automatic AF point selection, center spot metering will apply.
3. Multi-spot metering (Optical Viewfinder only)

(4) Center-weighted average metering

- The selectable metering modes can be restricted (Custom Function).

Metering Range
At 73°F/23°C, ISO 100, with evaluative metering:
EV 0–20 (Optical Viewfinder)
EV -3–20 (Live View)
EV -1–20 (Movie Recording)

Exposure Control Systems
(1) Program AE (Shiftable)

(2) Shutter-priority AE (Safety shift possible)

(3) Aperture-priority AE (Safety shift possible)

(4) Manual exposure

- The metering mode can be specified.

(5) Bulb

(6) Three custom shooting modes

ISO Speed Range

Manual setting

Normal ISO Speeds	ISO 100–102400 (in 1/3-stop increments)
Expanded ISO Speeds (Equivalent)	L: 50, H1: 204800, H2: 409600, H3: 819200

Highlight Tone Priority: ISO range 200–102400.
Expanded ISO cannot be set during HDR shooting.

Auto setting

Shooting Mode	ISO Settings	
	No Flash	**With Flash**
P, Tv, Av, M	ISO 100[*1][*2]–102400[*2]	ISO 100[*1][*2]–6400[*2][*3]
During Bulb shooting	ISO 400 fixed[*4]	

[*1] ISO 200 when [Highlight tone priority] is set to [Enable] or [Enhanced].
[*2] Varies depending on [Maximum] and [Minimum] of [Auto range].
[*3] ISO 1600 when using a lens that is not compatible with "Variable control of maximum ISO Auto limit for E-TTL".
[*4] If outside the setting range, changed to the value closest to ISO 400.

Exposure Compensation
Adjusted by user: ±5 stops in 1/3- or 1/2-stop increments
AEB: ±3 stops in 1/3- or 1/2-stop increments
* Indicated up to ±3 stops on the LCD panel and in the viewfinder.

AE Lock
(1) Auto AE lock

- In the One-Shot AF mode with evaluative metering, AE lock takes effect when focus is achieved.

(2) User-applied AE lock

- With AE lock button in P, Av, Tv and M modes. (AE lock is updated each time you press the button.)
- Enabled in all metering modes.

Shutter

Type
Vertical-travel, mechanical, focal-plane shutter with all speeds electronically-controlled

- Live View: Mechanical, Electronic 1st-curtain, and Electronic shutter operation selectable

Shutter Speeds
When [Mechanical] or [Elec. 1st-curtain] is set: 1/8000 to 30 sec., bulb

When [Electronic] is set: 1/8000-0.5 sec.

X-sync: 1/250 sec.

- Available shutter speed range can be set via Custom Function
- Flash shooting not possible during Electronic shutter operation

Shutter Release
Soft-touch electromagnetic release

Self Timer
10-sec. delay, 2-sec. delay

External Speedlite

EOS Dedicated Speedlite
E-TTL II autoflash with all EX and EL Series Speedlites

Zooming to Match Focal Length
Provided

Flash Metering
Ambience Priority, Standard, Flash priority

Flash Exposure Compensation
±3 stops in 1/3- or 1/2-stop increments

FE Lock
Provided

External Flash Settings
(1) E-TTL each shot
   (New E-TTL reading for each exposure in a continuous sequence)
(2) E-TTL 1st shot
   (Flash exposure locked for 2nd and subsequent exposures in a continuous sequence)

Available for EX and EL series Speedlites.
(1) General speedlite settings:
   Flash firing; E-TTL balance; E-TTL II metering; Continuous flash control; Flash sync speed in Av mode
(2) Flash function settings:
   Flash exposure mode; Wireless flash control; Flash head zoom; Flash sync (1st/2nd curtain sync and High-speed sync); Flash exposure compensation; Flash exposure bracketing
(3) Flash Custom Function settings

PC Terminal
Provided

* No polarity.

* Sync speed: Since the flash duration of studio flash units vary, set a sync speed within 1/125 sec. to 1/30 sec. and check if the flash sync works.

* Both the accessory shoe (X-sync contact with maximum sync speed of 1/250 sec.) and the PC terminal can be used simultaneously for simultaneous flash firing.

Drive System

Drive Modes
(1) Single shooting
(2) High-speed continuous shooting*:
    Viewfinder: Max. approx. 16 shots/sec. (user-adjustable 16~3 fps)
    Live View Shooting: Max. approx. 20 shots/sec.
(3) Continuous Shooting:
    Viewfinder: Max. approx. 10 shots/sec. (user-adjustable 15~2 fps)
    Live View Shooting[1]: Max. approx. 10 shots/sec.[2]
(4) Low-speed continuous shooting
    Viewfinder: Max. approx. 3 shots/sec. (user-adjustable 14~1 fps)
    Live View Shooting[1]: Max. approx. 3 shots/sec.
(5) Silent single shooting
(6) Silent high-speed continuous shooting
    Viewfinder: Max. approx. 8 shots/sec. (user-adjustable 8~2 fps)
    Live View Shooting[1]: Max. approx. 10 shots/sec.[2]
(7) Silent low-speed continuous shooting
    Viewfinder: Max. approx. 3 shots/sec. (user-adjustable 14~1 fps)
    Live View Shooting[1]: Max. approx. 3 shots/sec.

*Continuous shooting speed may be slower under the following conditions: shutter speed, aperture, aperture status during continuous shooting, flash, anti-flicker shooting set to Enable, remaining battery level, temperature, subject conditions, brightness (shooting under low light, etc.), lens type, power source type, when internal memory is full (momentarily prevents shooting).

[1] When the electronic shutter is used, the shooting speed of the continuous shooting becomes the same as the high-speed continuous shooting.

[2] When the mechanical shutter is used, the shooting speed of the continuous shooting will be approx. 8.0 shots/sec.

Maximum Burst

The maximum burst during continuous shooting is as follows:

Image Quality	File Size [Approx. MB]	Possible Shots [Approx.][1]	Maximum Burst [Approx.][1]
L	7.6	40,650	1,000 or more
M1	5.4	56,960	1,000 or more
M2	4.1	74,070	1,000 or more
S	2.8	109,110	1,000 or more
HEIF	7.6	39,650	1,000 or more
RAW[2]	22.1	14,150	1,000 or more
C-RAW[2]	13.1	27,560	1,000 or more
RAW+L	22.1+7.6	10,500	1,000 or more

C-RAW+L	13.1+7.6	16,420	1,000 or more
RAW+M1	22.1+5.4	11,330	1,000 or more
C-RAW+M1	13.1+5.4	18,570	1,000 or more
RAW+M2	22.1+4.1	11,880	1,000 or more
C-RAW+M2	13.1+4.1	20,080	1,000 or more
RAW+S	22.1+2.8	12,530	1,000 or more
C-RAW+S	13.1+2.8	22,000	1,000 or more
RAW+HEIF	24.3+7.6	9,620	350
C-RAW+HEIF	13.7+7.6	14,380	420

* File size, number of possible shots, and maximum burst vary depending on shooting conditions (including JPEG/HEIF image quality: 8, subject, memory card brand, card storage capacity, ISO speed, Picture Style, and Custom Function, etc).

[1] The number of possible shots and standard maximum burst apply to a compliant 325GB card based on Canon testing standards, in viewfinder shooting.

[2] With [HDR PQ] set to [OFF].

Live View Functions

Shooting Modes
Still photo and video recording

Focusing
(1) Dual Pixel CMOS AF

- Dual Pixel CMOS AF is possible with all EF lenses.

(2) Manual focus

- Magnify the image by 5x or 10x and focus manually.
- MF peaking and Focus Guide possible

Metering Modes
(1) Evaluative metering (linked to all AF points)

(2) Partial metering: Approx. 5.8% of the screen

(3) Spot metering: Approx. 2.9% of the screen

(4) Center-weighted average metering

AE lock possible. The active metering timer can be changed.

Metering Range
EV -3–20 (at 73°F/23°C, ISO 100, with evaluative metering)

Grid Display
(1) Off

(2) 3x3

(3) 6x4

(4) 3x3+diag

Silent Shooting
Possible with Shutter mode set to Electronic

- Audible sounds possible from lens operation, etc.
- Flash not possible when LV Shutter mode set to Electronic

Video Shooting

File Format
Normal movie recording:

- MPEG4 H.264 / AVC
- 8-bit, 4:2:0; Color space BT.709

Canon Log recording:

- MPEG4 H.265 / HEVC
- 10-bit, 4:2:2; Color space BT.709 / BT.2020

Audio: AAC or Linear PCM (Audio Compression in C.Fn menu, during ALL-I or IPB recording)

- Internal monaural microphone
- 3.5mm stereo external microphone jack

File Size

NTSC

5.5K RAW **(5472 x 2886)**	59.94 fps* 29.97 fps 24.00 fps 23.98 fps	RAW
4K DCI **(4096 x 2160)**	59.94 fps* 29.97 fps 24.00 fps 23.98 fps	ALL-I IPB
4K UHD **(3840 x 2160)**	59.94 fps* 29.97 fps 23.98 fps^	ALL-I IPB
4K DCI (cropped) **(4096 x 2160)**	59.94 fps 29.97 fps 24.00 fps 23.98 fps	ALL-I IPB
Full HD **(1920 x 1080)**	119.90 fps** 59.94 fps 23.98 fps^	ALL-I IPB
	29.97 fps	ALL-I IPB IPB (Light)

* AF does not function.

** Audio not recorded at High Frame Rate 119.90 fps recording

^ 24p recording will be supported through firmware update after shipping.

Focusing

(1) Dual Pixel CMOS AF

(2) Manual focus

* Magnify the image by 5x or 10x and focus manually (not possible during movie shooting).

Exposure Control

Shooting Mode	Exposure Control	Shutter Speed (sec.)		Aperture	
		Auto Setting	Manual Setting	Auto Setting	Manual Setting
P, bulb	Program AE for movie shooting	Yes	—	Yes	—
Tv	Movie shutter-priority AE	—	Yes	Yes	—
Av	Movie aperture-priority AE	Yes	—	—	Yes
M	Movie manual exposure	—	Yes	—	Yes

Exposure Compensation

Up to ±3 stops in 1/3- or 1/2-stop increments
* If AE Microadjustment is performed, the settable exposure compensation amount will decrease by the amount of the AE Microadjustment. For example, if you set the AE Microadjustment to +1 stop, the exposure compensation amount will be limited to a maximum +2 stops on the positive side.

Audio Video Output

Canon Log: OFF (H.264 / AVC)

Movie-recording Size			Total Recording Time (Approx.)			Movie Bit Rate / File Size (Approx.)
			64 GB	256 GB	1 TB	
5.5K RAW (5472 x 2886)	59.94 fps	RAW	3 min.	13 min.	50 min.	2600 Mbps 18711 MB/min.
	29.97 fps		4 min.	18 min.	1 hr. 13 min.	1800 Mbps 12937 MB/min.
	24.00 fps					

	23.98 fps					
4K DCI (4096 x 2160)	59.94 fps	ALL-I	9 min.	36 min.	2 hr. 21 min.	940 Mbps 6734 MB/min.
		IPB	36 min.	2 hr. 27 min.	9 hr. 35 min.	230 Mbps 1656 MB/min.
	29.97 fps 24.00 fps 23.98 fps	ALL-I	18 min.	1 hr. 12 min.	4 hr. 42 min.	470 Mbps 3373 MB/min.
		IPB	1 hr. 10 min.	4 hr. 40 min.	18 hr. 17 min.	120 Mbps 869 MB/min.
4K DCI cropped (4096 x 2160)	59.94 fps	ALL-I	9 min.	36 min.	2 hr. 21 min	940 Mbps 6734 MB/min.
		IPB	36 min.	2 hr. 27 min.	9 hr. 35 min.	230 Mbps 1656 MB/min.
	29.97 fps 24.00 fps 23.98 fps	ALL-I	18 min.	1 hr. 12 min.	4 hr. 42 min.	470 Mbps 3373 MB/min.
		IPB	1 hr. 10 min.	4 hr. 40 min.	18 hr. 17 min.	120 Mbps 869 MB/min.
4K UHD (3840 X 2160)	59.94 fps	ALL-I	9 min.	36 min.	2 hr. 21 min.	940 Mbps 6734 MB/min.
		IPB	36 min.	2 hr. 27 min.	9 hr. 35 min.	230 Mbps 1656 MB/min.
	29.97 fps	ALL-I	18 min.	1 hr. 12 min.	4 hr. 42 min.	470 Mbps 3373 MB/min.
		IPB	1 hr. 10 min.	4 hr. 40 min.	18 hr. 17 min.	120 Mbps 869 MB/min.
Full HD (1920 x 1080)	119.9 fps	ALL-I	23 min.	1 hr. 34 min.	6 hr. 8 min.	360 Mbps 2586 MB/min.

			Total Recording Time (Approx.)			Movie Bit Rate / File Size (Approx.)
	59.94 fps	ALL-I	47 min.	3 hr. 8 min.	12 hr. 14 min.	180 Mbps / 1298 MB/min.
		IPB	2 hr. 18 min.	9 hr. 14 min.	36 hr. 6 min.	60 Mbps / 440 MB/min.
	29.97 fps	ALL-I	1 hr. 33 min.	6 hr. 12 min.	24 hr. 16 min.	90 Mbps / 655 MB/min.
		IPB	4 hr. 30 min.	18 hr. 2 min.	70 hr. 27 min.	30 Mbps / 226 MB/min.
		IPB (Light)	11 hr. 35 min.	46 hr. 23 min.	181 hr. 13 min.	12 Mbps / 88 MB/min.

* Bit rate indicates video output only, audio is not included.

* Movie recording is interrupted if the maximum recording time per movie, 29 min. 59 sec., is exceeded. (Time is different for High Frame Rate movies.)

*Sound is not recorded for approx. the last two frames when the compression method for movie recording quality is IPB or IPB Light (audio: AAC) and [C. Fn 7-7 Audio compression] is set to [Enable]. The video and sound may be slightly out of sync when movies are played back in Windows.

Canon Log: ON (H.265 / HEVC)

Movie-recording Size			Total Recording Time (Approx.)			Movie Bit Rate / File Size (Approx.)
			64 GB	256 GB	1 TB	
4K DCI (4096 x 2160)	59.94 fps	ALL-I	8 min.	34 min.	2 hr. 13 min.	1000 Mbps / 7164 MB/min.
		IPB	24 min.	1 hr. 39 min.	6 hr. 30 min.	340 Mbps / 2443 MB/min.
	29.97	ALL-I	18 min.	1 hr. 12	4 hr. 42	470 Mbps

Resolution	fps	Compression				Bit rate
	fps			min.	min.	3373 MB/min.
	24.00 fps 23.98 fps	IPB	49 min.	3 hr. 18 min.	12 hr. 57 min.	170 Mbps 1227 MB/min.
4K DCI cropped (4096 x 2160)	59.94 fps	ALL-I	8 min.	34 min.	2 hr. 13 min.	1000 Mbps 7164 MB/min.
		IPB	24 min.	1 hr. 39 min.	6 hr. 30 min.	340 Mbps 2443 MB/min.
	29.97 fps 24.00 fps 23.98 fps	ALL-I	18 min.	1 hr. 12 min.	4 hr. 42 min.	470 Mbps 3373 MB/min.
		IPB	49 min.	3 hr. 18 min.	12 hr. 57 min.	170 Mbps 1227 MB/min.
4K UHD (3840 X 2160)	59.94 fps	ALL-I	8 min.	34 min.	2 hr. 13 min.	1000 Mbps 7164 MB/min.
		IPB	24 min.	1 hr. 39 min.	6 hr. 30 min.	340 Mbps 2443 MB/min.
	29.97 fps	ALL-I	18 min.	1 hr. 12 min.	4 hr. 42 min.	470 Mbps 3373 MB/min.
		IPB	49 min.	3 hr. 18 min.	12 hr. 57 min.	170 Mbps 1227 MB/min.
Full HD (1920 x 1080)	119.9 fps	ALL-I	18 min.	1 hr. 12 min.	4 hr. 42 min.	470 Mbps 3373 MB/min.
	59.94 fps	ALL-I	49 min.	3 hr. 18 min.	12 hr. 57 min.	170 Mbps 1227 MB/min.
		IPB	1 hr. 33 min.	6 hr. 12 min.	24 hr. 16 min.	90 Mbps 655 MB/min.
	29.97 fps	ALL-I	1 hr. 2 min.	4 hr. 9 min.	16 hr. 16 min.	135 Mbps 977 MB/min.

		IPB	3 hr. 3 min.	12 hr. 13 min.	47 hr. 45 min.	45 Mbps 333 MB/min.
		IPB (Light)	7 hr. 47 min.	31 hr. 9 min.	121 hr. 41 min.	18 Mbps 131 MB/min.

LCD Monitor

Type
TFT color, liquid-crystal monitor

Monitor Size
Size: 3.2-inches (aspect ratio 3:2)

Diagonal: Approx. 3.15 in. / Approx. 8.01 cm

Width: Approx. 2.63 in. / Approx. 6.67 cm

Height: Approx. 1.75 in. / Approx. 4.44 cm

Pixels
Approx. 2.1 million dots

Coverage
Approx. 100% vertically and horizontally
Viewing angle: Approx. 170° vertically and horizontally

Brightness Control
7 levels provided (manually adjustable, in Set-up Menu)

Interface Languages
29 (English, German, French, Dutch, Danish, Portuguese, Finnish, Italian, Norwegian, Swedish, Spanish, Greek, Russian, Polish, Czech, Hungarian, Vietnamese, Hindi, Romanian, Ukraine, Turkish, Arabic, Thai, Simplified/Traditional Chinese, Korean, Malay, Indonesian, and Japanese)

Playback

Display Format

Single Image Display	• No information display
	• Basic information display
	• Available display items (1-10)
	• Detailed shooting information display
	
	    ○ Basic shooting information
	    ○ Lens information and RGB histogram
	    ○ White balance
	    ○ Picture Style

	- Color space and noise reduction - Lens abberation correction - Record of sent images - GPS* information - IPTC information
Index Display	4-image index 9-image index 36-image index 100-image index

* 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.

Highlight Alert
On the single-image display, highlight areas without any image information will blink.

Quick Control Function

Items
Frame Grab from 4K Movies:

- Individual frames in 4K movies recorded with the camera can be saved as JPEG still photos.
- Approx. 8.8 megapixels (4096 x 2160) or approx. 8.3 megapixels (3840 x 2160)
- Frame grab images cannot be resized or cropped in-camera.

Image Protection and Erase

Protection
Erase protection: single image; select range; all images in folder; all images on card; all found images

Unprotection: all images in folder; all images on card;

Erase
Erase a single image, selected images, select range, all images in a folder, all images in a card or all found images.

Direct Printing

Compatible Printers
N/A (Direct printing not possible)

DPOF: Digital Print Order Format

DPOF
Version 1.1 compatible

Direct Image Transfer

Compatible Images
JPEG, RAW/C-RAW, HEIF images, and movies

*Individual and multiple image files can be selected

Customization

Custom Functions
Total 38

Camera User Settings

- Current camera settings can be registered to C1, C2 and C3 in Set-up Menu (called-up for shooting on top LCD panel).
- Automatic updating of the registered settings can be set to Enable or Diable.

* The saving of individual settings for still photos and movies is supported.

My Menu Registration
Up to six top-tier menu options and Custom Function settings can be registered.

Up to five My Menu tabs can be added.

Interface

USB Terminal
USB Type-C

SuperSpeed Plus USB (USB 3.1 Gen 2)

- For computer communication

Video Out Terminal
Type C (Resolution switches automatically) / CEC not compatible.

- Images will not be displayed unless [NTSC] or [PAL] is properly set according to the video system of the TV set.

Extension System Terminal
Wireless File Transmitter WFT-E9

* WFT-E6 and WFT-E8 are not supported.

Power Source

Battery
Battery Pack LP-E19 (supplied)

Number of Shots

Approx. (Based on CIPA testing standards)

Shooting Method	Battery	Temperature	Possible Shots
Viewfinder shooting	Battery Pack LP-E19	At 73°F/23°C	2850
		At 32°F/0°C	2360
Live View shooting		At 73°F/23°C	610
		At 32°F/0°C	530

Battery Check
4-level remaining charge display icon in viewfinder, top LCD panel, and LCD screen (when shooting info displayed)

- Battery info. in Set-up Menu — % charge remaining, shutter count on current charge, and recharge performance displayed

Power Saving
Power turns off after the set time (1, 2, 4, 8, 15 or 30 min.) of non-operation elapses.

Date/Time Battery
Rechargeable built-in secondary battery

- Maintains date/time for approx. 1 month, if primary battery pack removed or depleted
- Recharged by installation of charged LP-E19
- Recharging time approx. 8 hours

Start-up Time
Approx. 0.2 sec. (Based on CIPA testing standards)

Dimensions and Weight

Dimensions (W x H x D)
Based on CIPA guidelines: Approx. 6.22 x 6.60 x 3.25 in. / 158.0 x 167.6 x 82.6mm (W x H x D)

Weight
Based on CIPA guidelines:

Approx. 44.09 oz. / 1250g (Body only)

Approx. 50.80 oz. / 1440g (Including battery, and memory card)

* Weighed without body cap and eyecup.

Operating Environment

Working Temperature Range
32-113°F/0-45°C

Working Humidity Range
85% or less

Disclaimer

*[1] Intelligent Tracking and Recognition.

* For still images.

** Available AF positions may decrease when shooting with AF cropping or in movie mode, or depending on camera settings or lens attached.

*** Compatible with iOS® versions 9.3/10.3/11.2-11.4/12.4/13.2, Android™ smartphone and tablet versions 5.0/5.1/6.0/7.0/7.1/8.0/8.1/9.0/10.0. 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 dis-claims 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 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 Blue-tooth® version 4.1 or later and the Camera Connect App Ver. 2.5.10. This application is not guaranteed to operate on all listed devices, even if minimum requirements are met.

^^ 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 out-side your home country. As a signal is received from GPS satellites, take sufficient measure when using in locations where the use of electronics are regulated.