IMAGE SENSOR

Type	35.9 x 23.9 mm CMOS
Effective Pixels	Approx. 24.2megapixels
Total Pixels	Approx. 25.6 megapixels
Aspect Ratio	3:2
Low-Pass Filter	Built-in/Fixed
Sensor Cleaning	EOS integrated cleaning system
Colour Filter Type	Primary Colour
Sensor Shift-IS	No

IMAGE PROCESSOR

Type	DIGIC X

LENS

Lens Mount	RF[1] (EF and EF-S lenses can be attached using: Mount Adapter EF-EOS R, Control Ring Mount Adapter EF-EOS R, Drop-In Filter Mount Adapter EF-EOS R)[2] EF-M lenses are not compatible
Focal Length	Equivalent to 1.0x the focal length of the lens with RF and EF lenses 1.6x with EF-S / RF-S
Image Stabilisation	Lens/Digital only

FOCUSING

Type	Dual Pixel CMOS AF II
AF System/Points	100% horizontal and 100% vertical with Face + Tracking and Auto Selection modes 100% horizontal and 90% vertical with manual selection and large zone modes[3]
AF Working Range	EV -6.5 – 21 (at 23°C & ISO100)[4]
AF Modes	One Shot, Servo AF, AI Focus AF
AF Point Selection	Automatic selection: 1053 Available AF areas when automatically selected, Manual selection: 1-point AF (AF frame size can be changed) 4897 AF positions available stills (4067 Movies) Manual selection: AF point Expansion 4 points (up, down, left, right) Manual selection: AF point Expansion surrounding Manual selection: Flexible Zone AF 1-3 (all AF points divided into minimum 9 to 999 maximum focusing zones)
AF Tracking	Humans(Eye, Face, Head, Body), Animals (Dogs, Cats, Birds and Horses) or Vehicles (Racing cars or Motor bikes, Aircraft and Trains)
AF Lock	Locked when shutter button is pressed halfway or AF ON is pressed in One Shot AF mode. Using customised button set to AF stop in AI servo
AF Assist Beam	Emitted by built in LED or optional dedicated Speedlite (flash)
Manual Focus	Selected on lens/camera[5]

EXPOSURE CONTROL

Metering Modes	Real-time with image sensor, 384-zone metering. (1) Evaluative metering (linked to All AF points) (2) Partial metering (approx. 5.9% of viewfinder at centre)[6] (3) Spot metering: Centre spot metering (approx. 3% viewfinder at centre)- AF point-linked spot metering not provided[6] (4) Centre weighted average metering
Metering Brightness Range	EV -3 – 20 (at 23°C, ISO100, with evaluative metering)
AE Lock	Auto: AE lock takes effect when focus is achieved Manual: By AE lock button in P, Av, Fv, Tv and M modes
Exposure Compensation	+/-3 EV in 1/3 or 1/2 stop increments (can be combined with AEB)
AEB	+/-3 EV in 1/3 or 1/2 stop increments
Anti-Flicker Shooting	Yes. Flicker detected at a frequency of 100 Hz or 120 Hz[7]. High Frequency Anti-flicker shooting for M and TV modes.[8]
ISO Sensitivity	Auto 100-102400 (in 1/3-stop or 1 stop increments) ISO can be expanded to L:50, H:204,800[9]

SHUTTER

Type	Electronically-controlled focal-plane shutter[10] and Electronic shutter function on sensor
Speed	Electronic 1st-curtain: 30-1/4000 sec (1/2 or 1/3 stop increments), Bulb Electronic: 30-1/16000[11] (1/2 or 1/3 stop increments up to 1/8000 then 1 stop to 1/16000) (Total shutter speed range. Available range varies by shooting mode)
Shutter Release	Soft touch electromagnetic release

WHITE BALANCE

Type	Auto white balance with the imaging sensor
Settings	AWB (Ambience priority/White priority), Daylight, Shade, Cloudy, Tungsten light, White Fluorescent light, Flash, Custom, Colour Temperature Setting White balance compensation: 1. Blue/Amber +/-9 2. Magenta/Green +/-9
Custom White Balance	Yes, 1 setting can be registered - From image or Live View
WB Bracketing	+/-3 levels in single level increments 3, 2, 5 or 7 bracketed images per shutter release Selectable Blue/Amber bias or Magenta/Green bias

VIEWFINDER

Type	0.39 inch OLED colour EVF
Dot Count	2.36 Million dots (1024x768)
Coverage (Vertical/Horizontal)	Approx. 100%
Magnification	Approx. 0.70x[12]
Eyepoint	Approx. 22mm (At -1 m^{-1} from eyepiece lens end)
Dioptre Correction	-4 to +1 m^{-1} (dioptre)
Display Performance	Power saving: 59.94 fps Smooth 119.98 fps[13]
Viewfinder Information	Accessory attached indicator, AE lock, AEB, AF area, AF method, AF operation, AF point (1-point AF), AF point information, Anti-flicker shooting, Aperture value, Aspect ratio, Audio recording level (manual), Audio recording level indicator (manual), Auto Lighting Optimizer, Battery level, Bluetooth function, Canon Log, Creative filters, Bulb timer, Digital Lens Optimizer, Digital zoom, Drive mode, Electronic level, Electronic shutter, Exposure compensation, Exposure level indicator, Exposure simulation, FE lock, FEB, Flash off, Flash-ready, Focus bracketing, focus distance scale, GPS, Grid, HDR PQ, HDR shooting, Headphone volume, Highlight tone priority, High-speed sync, Histogram (Brightness/RGB), Image Quality, Image Stabilizer (IS mode), Interval timer, ISO speed, Lens information, Magnify button, Maximum burst, Metering mode, Movie recording in progress, Movie recording size, Movie recording time available, Movie recording time available/Elapsed recording time, Movie self-timer, Movie Servo AF, Multi Shot Noise Reduction, Multi-function lock warning, Multiple-exposure shooting, No. of remaining shots for focus bracketing, Number of available shots/Sec. until self-timer shoots, Number of remaining multiple exposures, Number of self-timer shooting, Overheat control, Picture Style, Quick Control button, Shooting mode, Shutter speed, Still photo cropping, Subject to detect, Touch Shutter/Create folder, vertical exposure scale, View Assist, White balance, White balance correction, Wi-Fi function, Wi-Fi signal strength
Depth of Field Preview	Yes, via customised button or with "Exposure +DOP" (up to F8)[14]
Eyepiece Shutter	N/A

LCD MONITOR

Type	7.5cm (3.0") Clear View LCD II, approx. 1.62 million dots
Coverage	Approx. 100%
Viewing Angle Horizontally/Vertically	Approx. 170° vertically and horizontally

Canon

Live for the story_

Coating	
Brightness Adjustment	Manual: Adjustable to one of seven levels
Touch-Screen Operations	Capacitive method with menu functions, Quick Control settings, playback operations, and magnified display. AF point selection in still and Movies, touch shutter is possible in still photo shooting.
Display Options	(1) Basic Camera settings (2) Advance Camera settings (3) Camera settings plus histogram and dual level display (4) No info (5) Quick Control Screen
FLASH	
Built-in Flash GN (ISO 100, meters)	
Built-in Flash Coverage	
Built-in Flash Recycle Time	
Modes	E-TTL II flash metering, Manual flash, MULTI flash (stroboscopic), Auto external flash metering, Manual external flash metering, Continuous shooting priority (CSP) mode[15]
Red-Eye Reduction	
X-Sync	1/200 sec. Electronic 1st-curtain only
Flash Exposure Compensation	+/- 3EV in 1/3 or 1/2 stop increments with EL and EX series Speedlite flashes
Flash Exposure Bracketing	+/- 3EV in 1/3 or 1/2 stop increments with EL and EX series Speedlite flashes
Flash Exposure Lock	Yes
Second Curtain Synchronisation	Yes via Speedlite[16]
Hot Shoe/PC Terminal	Yes(21-pin multi-function shoe equipped with the traditional 5-pin contact (X-sync, communication contact))/No
External Flash Compatibility	E-TTL II with EX / EL series Speedlite, wireless multi-flash support
External Flash Control	via camera menu screen
SHOOTING	
Modes	Stills / Movie: Scene Intelligent Auto, Flexible priority AE, Program AE, Shutter priority AE, Aperture priority AE, Manual, Bulb and Custom (x2)
Picture Styles	Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Defined (x3)
Colour Space	sRGB and Adobe RGB
Image Processing	Highlight Tone Priority (2 settings) Auto Lighting Optimizer (3 settings) Long exposure noise reduction Clarity High ISO speed noise reduction (4 settings) (stills and video) Lens optical correction - Peripheral illumination correction, Chromatic aberration correction Distortion correction (during/after still photo shooting, during video only) Diffraction correction, Digital Lens Optimizer (during/after still photo shooting only) Focus Bracketing including image compositing Resize to M, S1, S2 Cropping of images (JPEG/HEIF) - Aspect ratios 3:2, 4:3, 16:9, 1:1 x1.6crop - Switch between vertical and horizontal cropping orientation - Image straightening - Cropping frame can be moved using touch screen operation RAW image processing Dual Pixel RAW – Portrait Relighting, Background Clarity (in camera) Raw Cloud processing Multiple exposure HDR - with moving subject suppression HEIF to Jpeg conversion (single or batch)

Drive Modes	Single, Continuous High+, Continuous High, Continuous Low, Self timer (2s+remote, 10s+remote, Continous+remote)
Continuous Shooting	Max. Approx. 6fps[17] with Electronic 1st-curtain shutter, speed maintained for 1000+ JPEG, or RAW, or CRAW images. Max. Approx. 40fps[18] with Electronic shutter, speed maintained for 120 JPEG or 56 RAW, 100 CRAW images RAW Burst 30fps with 0.5 seconds pre record for max approx. 158 frames[19]
Interval Timer	Built in
FILE TYPE - STILLS	
Still Image Type	RAW: RAW, C-RAW 14 bit (14-bit A/D conversion with Electronic 1st-Curtain, 12-bit A/D conversion with Electronic shutter, Canon original RAW 3rd edition) JPEG 8 bit: 2 compression options HEIF 10 bit: 2 compression options Complies with Exif 2.31 and Design rule for Camera File system 2.0 Complies with Digital Print Order Format [DPOF] Version 1.1
RAW+JPEG/HEIF Simultaneous Recording	Yes, any combination of RAW + JPEG or RAW + HEIF possible
Image Size	RAW/ C-RAW: 3:2 ratio 6000x4000 1.6x crop 3744x2496 4:3 ratio 6000x4000 16:9 ratio 6000x4000 1:1 ratio 6000x4000 JPEG/ HEIF: 3:2 ratio (L) 6000x4000, (M) 3984x2656, (S1) 2976x1984, (S2) 2400x1600 1.6x crop (L) 3744x2496, (S2) 2400x1600 4:3 ratio (L) 5328x4000, (M) 3552x2664, (S1) 2656x1992, (S2) 2112x1600 16:9 ratio (L) 6000x3368, (M) 3984x2240, (S1) 2976x1680, (S2) 2400x1344 1:1 ratio (L) 4000x4000, (M) 2656x2656, (S1) 1984x1984, (S2) 1600x1600
Folders	New folders can be manually created, named and selected
File Numbering	(1) Continuous numbering (2) Auto reset (3) Manual reset
Flie Naming	No user pre-sets
EOS MOVIE	
Movie Type	MP4 Video: 4K UHD, Full HD (16:9)[20], Audio: Linear PCM / AAC
Movie Size[23]	4K UHD[21] (16:9) 3840 x 2160 (59.94, 50, 29.97, 25, 23.98fps) inter frame (IPB) / (IPB Light) 4K UHD cropped (16:9) 3840 x 2160 (59.94, 50, 29.97, 25, 23.98fps) inter frame (IPB) / (IPB Light) 4K UHD Timelapse (16:9) 3840 x 2160 (29.97, 25fps)[22] intra frame (All-I) Full HD (16:9) 1920 x 1080 (179.82, 150, 119.88, 100, 59.94, 50, 29.97, 25, 23.98fps) inter frame (IPB) / (IPB Light)[22] Full HD Timelapse (16:9) 1920 x 1080 (29.97, 25fps)[24] intra frame (All-I), Full HD HDR (16:9) 1920 x 1080 (29.97, 25fps) inter frame (IPB) [AAC Only] Full HD Creative Filters (16:9) 1920 x 1080 (29.97, 25fps) inter frame (IPB) / (IPB Light) [AAC Only]
Colour Sampling (Internal recording)	4K / Full HD - YCbCr4:2:0 8 bit or YCbCr4:2:2 10 bit
Canon Log	Yes, Canon Log 3
Movie Length	Max movie continuous recording time available 2 hours[25]. High Frame Rate movie (Full HD 179.82/150fps): 20 min. High Frame Rate movie (Full HD 119.88/100fps): 30 min. No 4GB file limit with exFAT formatted SD card.

High Frame Rate Movie	Full HD at 179.82fps, 150fps, 100fps or 119.9fps[26] Recorded as 1/6-speed slow motion movie Single scene maximum recording up to approx. 20 mins, 179.82/150fps 30mins 119.88/100fps	**Water/Dust Resistance**	Yes[30]
		Voice Memo	No
		Intelligent Orientation Sensor	Yes
Frame Grab	8.3-megapixel JPEG/HEIF still image frame grab from 4K UHD movie possible (HEIF only possible when HDR PQ is set)[27]	**Playback Zoom**	1.5x - 10x in 15 steps
		Display Formats	(1) Single image (2) Single image with information (2 levels) Basic - Shooting information (shutter speed, aperture, ISO and Image quality) Detailed - Shooting information (shutter speed, aperture, ISO, metering Image, quality and file size), Lens information, Brightness and RGB histogram, White balance, Picture Style, Colour space and noise reduction, Lens optical correction, GPS information, IPTC information (3) 4 image index (4) 9 image index (5) 36 image index (6) 100 image index (7) Jump Display (1, 10 or 100 images, start of burst sequence, Date, Folder, Movies, Stills, Protected images, Rating,) (8) Movie edit (9) RAW processing (10) Rating
Bitrate/Mbps	**MP4 H.264 / MPEG-4 AVC Canon Log: OFF, HDR PQ: OFF** 4K (59.94p/50.00p): IPB Approx. 230 Mbps 4K (59.94p/50.00p): IPB (Light) Approx. 120 Mbps 4K (29.97p/25.00p/23.98p): IPB Approx. 120 Mbps 4K (29.97p/25.00p/23.98p): IPB (Light) Approx. 60 Mbps 4K Timelapse (29.97, 25fps) All-I Approx. 470Mbps Full HD (179.82p/150.00p): IPB Approx. 180 Mbps Full HD (179.82p/150.00p): IPB (Light) Approx. 105Mbps Full HD (119.88p/100.00p): IPB Approx. 120 Mbps Full HD (119.88p/100.00p): IPB (Light) Approx. 70 Mbps Full HD (59.94p/50.00p): IPB Approx. 60 Mbps Full HD (59.94p/50.00p): IPB (Light) Approx. 35 Mbps Full HD (29.94p/25.00p/23.93p): IPB Approx. 30 Mbps Full HD (29.94p/25.00p): IPB (Light) Approx. 12 Mbps Full HD Timelapse (29.97, 25fps) All-I Approx. 90Mbps **MP4 H.265 / HEVC Canon Log: ON, or HDR PQ: ON** 4K (59.94p/50.00p): IPB Approx. 340 Mbps 4K (59.94p/50.00p): IPB (Light) Approx. 170 Mbps 4K (29.97p/25.00p/23.98p): IPB Approx. 170 Mbps 4K (29.97p/25.00p/23.98p): IPB (Light) Approx. 85 Mbps 4K Timelapse (29.97, 25fps) All-I Approx. 470Mbps Full HD (179.82p/150.00p): IPB Approx. 270 Mbps Full HD (179.82p/150.00p): IPB (Light) Approx. 150 Mbps Full HD (119.88p/100.00p): IPB Approx. 180 Mbps Full HD (119.88p/100.00p): IPB (Light) Approx. 100 Mbps Full HD (59.94p/50.00p): IPB Approx. 90 Mbps Full HD (59.94p/50.00p): IPB (Light) Approx. 50 Mbps Full HD (29.94p/25.00p/23.93p): IPB Approx. 45 Mbps Full HD (29.94p/25.00p): IPB (Light) Approx. 28 Mbps Full HD Timelapse (29.97, 25fps) All-I Approx. 135Mbps	**Slide Show**	Image selection: All images, by Date, by Folder, Movies, Stills, Protected images or Rating Playback time: 1/2/3/5/10 or 20 seconds Repeat: On/Off
		Histogram	Brightness: Yes RGB: Yes
		Highlight Alert	Yes
		Image Erase	Single image, select range, Selected images, Burst sequence, Folder, Card
		Image Erase Protection	Erase protection of Single image, Folder or Card all found images (only during image search)
		Self Timer	2 or 10 sec.
		Menu Categories	(1) Shooting menu (2) AF Menu (3) Playback menu (4) Network (5) Setup menu (6) Custom Functions menu (7) My Menu
Dual Card Recording	No		
Microphone	Built-in stereo microphone (48 Khz, 16-bit x 2 channels), 3.5mm external microphone or other microphones using the Multi-Function shoe including XLR via Tascam CA-XLR2d-C	**Menu Languages**	29 Languages English, German, French, Dutch, Danish, Portuguese, Finnish, Italian, Norwegian, Swedish, Spanish, Greek, Russian, Polish, Czech, Hungarian, Vietnamese, Hindi, Romanian, Ukrainian, Turkish, Arabic, Thai, Simplified Chinese, Traditional Chinese, Korean, Malay, Indonesia and Japanese
HDMI Display	Output to external monitor only (output of images and shooting information, images are recorded to the card)	**Firmware Update**	Update possible by the user (Camera, Lens, External Speedlite, BLE remote control, Lens adapter) via card or Camera connect app
HDMI Output	Camera screen and External Monitor output (no recording to the card, camera screen shows images with shooting information) Auto: - 4K (UHD) 59.94p / 50.00p / 29.97p / 25.00p / 23.98p, - 1080 59.94p / 59.94i, 50.00p / 50.00i - 480 59.94p - 576 50p 1080p: - 1080 59.94p / 59.94i, 50.00p / 50.00i - 480 59.94p - 576 50p Uncompressed YCbCr 4:2:0, 8-bit or when CLog3/HDR PQ is enabled YCbCr 4:2:2, 10-bit, supporting BT.709, BT.2020, BT2100(PQ), when connected to compatible monitors. Sound output via HDMI is also possible	**INTERFACE**	
		Computer	SuperSpeed Plus USB (USB 3.2 Gen 2) USB Type-C connector also used for computer communication / smartphone communication / USB charge or power.
		Wi-Fi	Wireless LAN (IEEE802.11b/g/n) (2.4 GHz)[31], with Bluetooth 4.2 support Features supported - EOS Utility, Smartphone, Upload to image.canon
		Other	HDMI Micro out (Type D, HDMI-CEC not supported) External Microphone In (3.5mm Stereo mini jack) Headphone out (3.5mm Stereo mini jack) RS-60E3-type terminal (remote control terminal)
Focusing	Dual Pixel CMOS AF II with Eye/Face Detection and Tracking AF (people, animals and vehicles), Movie Servo AF, Manual Focus	**DIRECT PRINT**	
ISO	Auto: 100-25600, H: 102400[28] Manual: 100-25600, H: 102400[29]	**Canon Printers**	Not supported
		PictBridge	Not supported
OTHER FEATURES		**STORAGE**	
Custom Functions	22 Custom Functions	**Type**	SD/SDHC/SDXC and UHS-II[32]
Metadata Tag	Copyright information (author/copyright holder) set on the camera is added to image Exif information. Change movie rotation information. Image rating (0-5 stars) By pressing the erase button during playback of images from continuous shooting, users can erase all of these images (a continuous scene) at once.	**SUPPORTED OPERATING SYSTEM**	
		PC	Windows 10/11 (Desktop mode only) [33]
		Macintosh	macOS 10.15, 11.4, 12, 13
LCD Panel/Illumination	No/No		

SOFTWARE

Image Processing
Digital Photo Professional 4.17.20. or later, Digital Photo Professional Express mobile app (iOS only v1.8.10. or later) (RAW Image Processing not DUAL PIXEL RAW on DPP Express mobile)

Other
EOS Utility[34] 3.16.10 or later (incl. Remote Capture), Picture Style Editor 1.28.10 or later, EOS Lens Registration Tool, Canon Camera connect app 3.0.10 or later (iOS/Android)

POWER SOURCE

Batteries
Rechargeable Li-ion Battery LP-E17 (supplied)[35]

Battery Life
With LCD Approx. 370 shots (at 23°C)[36]
With Viewfinder Approx. 220 shots (at 23°C)[36]

Battery Indicator
3 level indicator

Power Saving
Screen dimmer: 5 sec. / 10 sec. / 15 sec. / 20 sec. /25 sec. / 30 sec. / Disable[37]
Screen off: 5 sec. / 15 sec. / 30 sec. / 1 min. / 3 min. / 5 min. / 10 min. / 30 min. / Disable
Auto power off: 15 sec. / 30 sec. / 1 min. / 3 min. / 5 min. / 10 min. / 30 min. / Disable
Viewfinder off: 1 min. / 3 min. / Disable

Power Supply & Battery Chargers
Battery charger LC-E17E (supplied), AC Adapter AC-E6N and DC Coupler DR-E18, PD-E1 USB power adapter

ACCESSORIES

Wireless File Transmitter
None

Cases / Straps
An included strap, Hand Strap E2

Lenses
All RF[38] and RF-S lenses (EF[39] & EF-S via Lens adapters[40])

Lens Adapters
Mount Adapter EF-EOS R, EF-EOS R Control Ring Mount Adapter, Drop-in Filter Mount Adapter EF-EOS R

Flash
Canon Speedlite (EL-1*, EL-5, EL-100, 90EX, 220EX, 270EX, 270EX II, 320EX, 380EX, 420EX, 430EX, 430EX II, 430EX III 470EX-AI, 550EX, 580EX*, 580EX II*, 600EX*, 600EX-RT*, 600EX-II-RT*, Macro-Ring-Lite MR-14EX, Macro Ring Lite MR-14EX II, Macro Twin Lite MT-24EX, Macro Twin Lite MT-26EX-RT, Speedlite Transmitter ST-E2, Speedlite Transmitter ST-E3-RT*, Speedlite Transmitter ST-E3-RT V2*, Speedlite Transmitter ST- E10, Off-Camera Shoe Cord OC-E3*)

*Must use Multi-Function Shoe Adapter AD- E1 to retain weather sealing

Remote Controller/Switch
RS-60E3-type terminal (remote control terminal), Timer Remote Controller TC-80N3[41], Wireless Remote Control BR-E1, Smartphone(Using Canon Camera Connect app)

Other
Shoe cover ER-SC2 (Included), Multi-Function Shoe Adapter AD-E1, Multi-Function Shoe Directional Stereo Microphone DM-E1D, Multi-Function Shoe Adapter for Smartphone Link AD-P1 for Android, Stereo Microphone DM-E1 / DM-E100, GPS Receiver GP-E2[42], Extension Grip EG-E1, Tripod grip HG-100TBR[43], Interface Cable IFC-100U, Interface Cable IFC-400U, Protecting Cloth PC-E1 / E2,

PHYSICAL SPECIFICATIONS

Body Materials
Primarily consists of a magnesium alloy (Partially aluminium alloy and partially polycarbonate resin with glass fibre.)

Operating Environment
0 – 40 °C, 85% or less humidity

Dimensions (WxHxD)
Approx. 132.5 × 86.1 × 70.0 mm

Weight (body only)
Approx. 414g (461g with card and battery, Based on CIPA guidelines.)

Page Footnotes/Disclaimers
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Footnotes:

[1] The operation of the RF 5.2 mm F 2.8 L DUAL FISHEYE is not guaranteed.

[2] Operation of EF Cinema Lens is not guaranteed. Operation of the mount adapter EF-EOS R 0.71 X (sold separately) is not guaranteed.

[3] Applicable when subject frame is shown while tracking and a compatible lens is attached to the camera while the full-range AF is active or the subject is detected successfully in another area mode. For details on supported lenses, refer to [Supplemental Information] for [Theia] in "cam.start.canon".

[4] During still photo shooting, with an f/1.2 lens, Centre AF point, One-Shot AF, at 23°C/73°F, ISO100. Excluding RF lenses with Defocus Smoothing coating

[5] Via camera menu [Focus mode] AF / MF modes can be selected. Depending on the lens attached. When RF lenses without a focus mode switch are attached manual focus is selected on the camera. When RF/EF lenses with a focus mode switch are attached, the setting on the lens takes precedence.

[6] When set to Full-frame. Values differ when set to 1.6× (crop) or digital teleconverter 2.0x/4.0x.

[7] Anti-flicker shooting not available when using the electronic shutter. Maximum continuous shooting speed may decrease. Flicker detect may not be effective in certain situations when shooting high frame rate movies.

[8] High-frequency anti-flicker shooting when set manually, the setting range is as follows.
• Electronic 1st-curtain: 1/50.0 to 1/2048.0 sec.
• Electronic shutter: 1/50.0 to 1/8192.0 sec.
• Movie recording: 1/50.0 to 1/8192.0 sec. (NTSC/PAL)
Maximum continuous shooting speed may decrease.

[9] ISO speeds are different when the camera is set to Canon Log 3 or highlight tone priority. Expanded ISO speeds cannot be set in HDR mode or for HDR shooting (HDR PQ).

[10] Not equipped with a mechanical first curtain.

[11] 1/16000 sec. is only available in Tv or M mode (up to 1/8000 sec. in Fv, P, or Av mode). Electronic shutter speed 1/16000th not available in H+ continuous shooting mode.

[12] With 3:2 display, an RF 50mm F1.2 L USM lens at infinity, -1 m-1

[13] The maximum frame rate during AF, half-press of the shutter button, or continuous shooting can be lower.
Note that the display frame rate may be lower depending on the lens you are using and shooting conditions.

[14] [Exposure+DOF] is available when using RF lenses and some EF lenses. For details on supported lenses, refer to [Supplemental Information] for [Theia] in "cam.start.canon".

[15] Available settings/options vary depending on Speedlite specifications.

[16] First-curtain synchronization is used with shutter speeds faster than 1/30 sec.

[17] During servo AF, only RF lenses and some EF lenses can be used for continuous shooting at the maximum speed. For details on supported lenses, refer to [Supplemental Information] for Theia in "cam.start.canon". The continuous shooting speed may be reduced by the lens, shutter speed, aperture setting, flash, flicker reduction processing, battery type and remaining power, temperature, subject conditions, and brightness (for example, when shooting in a dark place).

[18] During servo AF, only RF lenses and some EF lenses can be used for continuous shooting at the maximum speed. For details on supported lenses, refer to [Supplemental Information] for Theia in "cam.start.canon". The continuous shooting speed may be reduced by the lens, shutter speed, aperture control, subject conditions, and brightness (for example, when shooting in a dark place). Depending on the nature of subject or shooting conditions, rolling shutter image distortion may occur.

[19] Under Canon testing standards with 32GB UHS-II card (during One-Shot AF, ISO 100, Standard Picture Style) Number of images depends on various settings and lens used. For details on supported lenses, refer to "cam.start.canon"

[20] 4K UHD and Full HD is 100%, 4K UHD and Full HD movie cropping mode is 62% of the horizonal area.

TECHNICAL SPECIFICATIONS

EOS R8

Footnotes:

[21] Generated from 6K oversampling.

[22] Playback frame rate; sound is not recorded

[23] Audio compression is restricted to [AAC] in Basic Zone modes. Only [AAC] is available for audio compression of IPB (Light).

[24] When set to 179.82/150.00 fps, only exFAT-formatted cards can be used for recording. Maximum shutter speed when set to 179.82 fps is 1/200 sec.

[25] Up to 5 seconds pre record possible. If the camera's internal temperature becomes too high the recording time may reduce. Shooting 4K UHD 59.94p for Approx. 30 minutes without heat limit is possible if starting from +23℃. In other modes there is no limit due to heat.

[26] In High Frame Rate Movie mode sound is not recorded

[27] Movies enabling extraction: 4K / 4K Cropped
Extraction is not possible from Canon Log 3 movies.
Extracted still photos cannot be resized or cropped within the camera.

[28] When set to 4K 59.94p/50.00p, maximum expanded ISO speed is equivalent to ISO 51200.
Maximum ISO speed when set automatically corresponds to the [Max for Auto] setting.
The lower end of the ISO speed range starts at ISO 200 when the camera is set to [Highlight tone priority].

[29] Maximum expanded ISO speed is equivalent to ISO 51200 when set to 4K 59.94p/50.00p, even with [Maximum] set to [H (102400)].

[30] Card/battery storage lid, terminal cover, and shoe cover etc. that can be opened must be securely attached or closed in order to maintain dust- and water-resistance. Although the camera features dust- and water-resistant construction, this cannot completely prevent dust or water droplets from entering the camera.

[31] Wi-Fi use may be restricted in certain countries or regions

[32] UHS-II high speed cards are recommended for 4K video recording and high speed continuous shooting

[33] Windows 8.1 is not supported due to the end of OS support in January 2023.

[34] EOS Utility doesn't support Apple Silicon-powered Macs with macOS13 installed.

[35] Charging over USB is supported. With unauthenticated batteries, charging over USB is not supported. Batteries may not be charged unless the remaining battery level is low.

[36] Based on the CIPA Standard and using the battery supplied with the camera, except where indicated. In power saving mode

[37] If the camera remains idle until the specified time elapses, the screen is dimmed and lower video frame rates are used. [Power off] and [Screen off] can be assigned to buttons using button customization.

[38] The operation of the RF 5.2 mm F 2.8 L DUAL FISHEYE is not guaranteed.

[39] Excluding EF-M lenses.

[40] Operation of EF Cinema Lens is not guaranteed. Operation of the mount adapter EF-EOS R 0.71 X (sold separately) is not guaranteed.

[41] Requires Remote Controller Adapter RA-E3.

[42] Digital compass not supported. Cannot be connected using an interface cable. Requires Multi-Function Shoe Adapter AD-E1.

[43] Note that total camera mount load capacity for camera, lens, microphone, and other accessories should not exceed 1 kg /35.3 oz. When using an external microphone, depending on the lens used, the sound may be interrupted by the lens and then the sound may not be properly collected.

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Sales Start Date: March 2023 TBC

PRODUCT DETAILS:

Product Name	Mercury Code	EAN Code	Recommended Retail Price
D.CAM EOS R8 BODY GB	5803C017AA	8714574673073	<Please fill in RRP>
D.CAM EOS R8+RF 24-50mm F4.5-6.3 IS STM GB	5803C018AA	8714574673080	<Please fill in RRP>

OPTIONAL ACCESSORIES:

Accessory Name	Mercury Code	EAN Code	Recommended Retail Price
Power Supply			
AC Adapter AC-E6N	1425C003AA	4549292065619	<Please fill in RRP>
Battery Charger LC-E17E	9969B001AA	4549292021011	<Please fill in RRP>
Battery Pack LP-E17	9967B002AC	4549292020984	<Please fill in RRP>
DC Coupler DR-E18	0250C001AA	4549292030723	<Please fill in RRP>
USB Power Adapter PD-E1	3250C003AA	4549292125412	<Please fill in RRP>
Lenses			
[NEW] LENS RF 24-50mm F4.5-6.3 IS STM	5823C005AA	4549292207446	<Please fill in RRP>
[NEW] LENS RF-S 55-210mm F5-7.1 IS STM	5824C005AA	4549292207729	<Please fill in RRP>
LENS RF-S18-45mm F4.5-6.3 IS STM	4858C005AA	4549292188325	<Please fill in RRP>
LENS RF-S 18-150mm F3.5-6.3 IS STM	5564C005AA	4549292195811	<Please fill in RRP>
LENS RF15-35mm F2.8 L IS USM	3682C005AA	4549292152272	<Please fill in RRP>
LENS RF24-105mm F4 L IS USM	2963C005AA	4549292115611	<Please fill in RRP>
LENS RF24-105mm F4-7.1 IS STM	4111C005AA	4549292167498	<Please fill in RRP>
LENS RF24-240mm F4-6.3 IS USM	3684C005AA	4549292151411	<Please fill in RRP>
LENS RF24-70mm F2.8 L IS USM	3680C005AA	4549292148381	<Please fill in RRP>
LENS RF28-70mm F2 L USM	2965C005AA	4549292115642	<Please fill in RRP>
LENS RF70-200mm F4 L IS USM	4318C005AA	4549292162769	<Please fill in RRP>
LENS RF70-200mm F2.8 L IS USM	3792C005AA	4549292156263	<Please fill in RRP>
LENS RF100-400mm F5.6-8 IS USM	5050C005AA	4549292186765	<Please fill in RRP>
LENS RF100-500mm F4.5-7.1 L IS USM	4112C005AA	4549292168037	<Please fill in RRP>
LENS RF16mm F2.8 STM	5051C005AA	4549292186772	<Please fill in RRP>
LENS RF35mm F1.8 MACRO IS STM	2973C005AA	4549292115727	<Please fill in RRP>
LENS RF50mm F1.2 L USM	2959C005AA	4549292115581	<Please fill in RRP>
LENS RF85mm F1.2 L USM	3447C005AA	4549292146691	<Please fill in RRP>
LENS RF85mm F1.2 L USM DS	3450C005AA	4549292159608	<Please fill in RRP>

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OPTIONAL ACCESSORIES:

Accessory Name	Mercury Code	EAN Code	Recommended Retail Price
Lenses			
LENS RF85mm F2 MACRO IS STM	4234C005AA	4549292168068	<Please fill in RRP>
LENS RF600mm F11 IS STM	3986C005AA	4549292162042	<Please fill in RRP>
LENS RF800mm F11 IS STM	3987C005AA	4549292162059	<Please fill in RRP>
LENS RF400mm F2.8L IS USM	5053C005AA	4549292184440	<Please fill in RRP>
LENS RF600mm F4L IS USM	5054C005AA	4549292184457	<Please fill in RRP>
LENS RF800mm F5.6L IS USM	5055C005AA	4549292184464	<Please fill in RRP>
LENS RF1200mm F8L IS USM	5056C005AA	4549292184471	<Please fill in RRP>
EF & EF-S lenses (via mount adapter)	N/A	N/A	<Please fill in RRP>
Mount Adapters			
MT ADAPTER EF-EOS R (required for EF/EF-S lenses)	2971C005AA	4549292115703	<Please fill in RRP>
Miscellaneous			
Shoe Cover ER-SC2	5897C001AA	4549292209914	<Please fill in RRP>
Camera Cover R-F-5	3201C001AA	4549292123852	<Please fill in RRP>
Hand Strap E2	4991B001AA	4960999686202	<Please fill in RRP>
Interface Cable IFC-100U	3224C001AA	4549292124200	<Please fill in RRP>
Interface Cable IFC-400U	3225C001AA	4549292124224	<Please fill in RRP>
Protecting Cloth PC-E1	1883C001AA	4549292083392	<Please fill in RRP>
Protecting Cloth PC-E2	2394C001AA	4549292099706	<Please fill in RRP>
Multifunction Shoe Adapter AD-E1	4943C001AA	4549292184549	<Please fill in RRP>
Shoe Adapter AD-P1 Android	5553C001AA	4549292195378	<Please fill in RRP>
Stereo Microphone DM-E100	4474C001AA	4549292164992	<Please fill in RRP>
Stereo Microphone DM-E1D	5138C001AA	4549292185782	<Please fill in RRP>
Stereo Microphone DM-E1	1429C001AA	4549292065732	<Please fill in RRP>
Tripod grip HG-100TBR	4157C001AA	4549292157956	<Please fill in RRP>
Wireless Remote-Control BR-E1	2140C001AA	4549292087864	<Please fill in RRP>

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OPTIONAL ACCESSORIES:

Accessory Name	Mercury Code	EAN Code	Recommended Retail Price
Flashes and Accessories			
[NEW] Speedlite EL-5	5654C004AA	8714574672694	<Please fill in RRP>
Speedlite 430EX III-RT	0585C003AA	4549292038262	<Please fill in RRP>
Speedlite 600EX II-RT EU16 (more languages)	1177C006AA	8714574643281	<Please fill in RRP>
Speedlite 600EX II-RT EU8	1177C003AA	4549292059441	<Please fill in RRP>
Speedlite EL-100	3249C003AA	4549292125450	<Please fill in RRP>
Speedlite Transmitter ST-E10	4944C001AA	4549292184556	<Please fill in RRP>
Speedlite Transmitter ST-E3-RT (Ver.2)	5743B012AA	4549292192568	<Please fill in RRP>
Speedlite Transmitter ST-E3-RT	5743B003AB	4960999810232	<Please fill in RRP>
Off-Camera Shoe Cord OC-E3	1950B001AA	4960999417271	<Please fill in RRP>

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MEASUREMENT / LOGISTIC INFORMATION:

Product Name	Mercury Code	Pack type	Pack description	Quantity per pack	Length (cm)	Width (cm)	Height (cm)	Gross Weight (kg)
D.CAM EOS R8 BODY GB	5803C017AA	EA	Each	1	28.2	19.2	15.3	1.1567
		CT	Carton	6	60	33.30	32.5	8
		EP	Euro Pallet	72	120	80	110	109
			Layers per Pallet	3				
			Cartons per Layer	4				
			Products per layer	24				
D.CAM EOS R8+RF 24-50mm F4.5-6.3 IS STM GB	5803C018AA	EA	Each	1	28.2	19.2	15.3	1.4061
		CT	Carton	6	60	33.30	32.5	9.49
		EP	Euro Pallet	72	120	80	110	128.88
			Layers per Pallet	3				
			Cartons per Layer	4				
			Products per layer	24				

What's in the box?

EOS R8 BODY

- EOS R8 BODY
- Camera Cover R-F-5
- Strap ER- EOS R8
- Battery Charger LC-E17E
- Battery Pack LP-E17
- Battery Pack Cover
- Shoe Cover
- Power Cord (EU)
- Printed Matter Unit(EU)

EOS R8+RF 24-50mm F4.5-6.3 IS STM

- EOS R8 BODY
- Camera Cover R-F-5
- Strap ER- EOS R8
- Battery Charger LC-E17E
- Battery Pack LP-E17
- Battery Pack Cover
- Shoe Cover
- Power Cord (EU)
- RF 24-50mm F4.5-6.3 IS STM
- Lens Cap E-58II
- Lens Dust Cap RF
- Printed Matter Unit

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