

IMAGE SENSOR

Type	36 x 24 mm Full Frame back-illuminated stacked CMOS sensor
Effective Pixels	Approx. 24.2 megapixels
Total Pixels	Approx. 26.7 megapixels
Aspect Ratio	3:2
Low-Pass Filter	Built-in/Fixed
Sensor Cleaning	EOS integrated cleaning system
Colour Filter Type	RGB Primary Colour
Sensor Shift-IS	Yes, up to 8.5-Stops advantage at the center and 7.5-stops peripheral depending on the lens used ¹

IMAGE PROCESSOR

Type	DIGIC Accelerator and DIGIC X
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LENS

Lens Mount	RF/RF-S (EF and EF-S lenses can be attached using EF TO EOS R ADAPTER, EF TO EOS R ADAPTER WITH CONTROL RING, EF TO EOS R Drop in filter ADAPTER, EF-M lenses not compatible)
Focal Length	Equivalent to 1.0x the focal length of the lens with RF and EF lenses, 1.6x with EF-S and RF-S lenses.
Image Stabilisation	

FOCUSING

Type	Dual Pixel Intelligent AF
AF System/Points	Cross-type AF ² with area 100% horizontal and 100% vertical possible depending on the lens attached.
AF Working Range	EV -7.5 – 21 (at 23°C & ISO100) ³
AF Modes	One Shot Servo AF
AF Point Selection	Automatic selection: 1053 (975 Movies) Available AF areas when automatically selected Manual selection: Spot AF Manual selection: 1-point AF (AF frame size can be changed) 4368 AF positions available stills (3354 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, where the width and height is also adjustable) Manual selection: Whole area AF Manual selection: Spot AF (Whole area tracking servo AF OFF) Manual selection: 1-point AF (Whole area tracking servo AF OFF) Manual selection: AF point Expansion 4 points (up, down, left, right) (Whole area tracking servo AF OFF) Manual selection: AF point Expansion surrounding (Whole area tracking servo AF OFF)

AF Tracking

AF Tracking	Humans (Eyes, Face, Head, Upper half of body, Body), Animals (Dogs, Cats, Birds and Horses) or Vehicles (Racing cars or Motor bikes, Airplanes and Trains), Register People Priority (up to 10 x 10 registered people), Action Priority ⁴ (Football, Basketball, Volleyball) Supported actions: - Football: Shoot, header, short pass, long pass, dribble, clear, place kick, save by keeper, throw in, sliding tackle - Basketball: Shoot, rebound, pass, dribble, free throw, jump ball - Volleyball: Spike, toss, receive, serve
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AF Lock

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 ⁵
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AF Assist Beam

AF Assist Beam	Emitted by built in LED or optional dedicated Speedlite (flash)
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Manual Focus

Manual Focus	Selected on lens
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EXPOSURE CONTROL

Metering Modes

Metering Modes	Real-time with image sensor, 6144-zone metering. (1) Evaluative metering (linked to All AF points) (2) Partial metering (Approx. 10% of screen at centre) (3) Spot metering: Centre spot metering (Approx. 5% screen at centre) AF point-linked spot metering not provided (4) Centre weighted average metering
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Metering Brightness Range

Metering Brightness Range	EV -3 – 20 (at 23°C, ISO100, with evaluative metering)
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AE Lock

AE Lock	Auto: AE lock takes effect when focus is achieved Manual: By AE lock button in P, Av, Fv, Tv and M modes
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Exposure Compensation

Exposure Compensation	+/-3 EV in 1/3 or 1/2 stop increments (can be combined with AEB)
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AEB

AEB	+/-3 EV in 1/3 or 1/2 stop increments
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Anti-Flicker Shooting

Anti-Flicker Shooting	Yes. Flicker detected at a frequency of 100 Hz or 120 Hz. Maximum continuous shooting speed may decrease available with both electronic and mechanical shutter High Frequency anti flicker shooting for M and TV modes 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. Auto 100-102400 (in 1/3-stop or whole stop increments) ISO can be expanded to L:50, H1:204800, H2:409600 ⁶
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ISO Sensitivity

ISO Sensitivity	
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SHUTTER

Type	Electronically controlled focal-plane shutter and Electronic shutter function in sensor
Speed	Mechanical / Electronic 1st-curtain: 30-1/8000 sec (1/2 or 1/3 stop increments), Bulb Electronic: 30-1/64000 (1/2 or 1/3 stop increments up to 1/16000 then 1 stop until 1/64000), Bulb (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 supported by deep learning technology AWB (Ambience priority/White priority), Daylight, Shade, Cloudy, Tungsten light, White Fluorescent light, Flash, Custom, Colour Temperature Setting
Settings	White balance compensation: 1. Blue/Amber +/-9 2. Magenta/Green +/-9 Yes, 5 setting can be registered
Custom White Balance	+/-3 levels in single level increments
WB Bracketing	3, 2, 5 or 7 bracketed images per shutter release Selectable Blue/Amber bias or Magenta/Green bias

VIEWFINDER

Type	0.64-inch OLED colour EVF
Dot Count	9.44 million dots (2048x1536)
Coverage (Vertical/Horizontal)	Approx. 100%
Magnification	Adjustable Standard: Approx. 0.9x ⁷ / Reduce 1: Approx. 0.8x/ Reduce 2: Approx. 0.7x
Eyepoint	Approx. 25mm (from eyepiece lens centre)
Dioptre Correction	-4 to +2 m-1 (dioptre)
Display performance	Power saving: 59.94 fps Smooth 119.98 fps, suppress low frame rate 60-119.8fps ⁸ (7 level of brightness)
Viewfinder Information	AF point information, Eye Control pointer, Exposure level indicator, Shooting mode, ISO speed, Shutter speed, Aperture, Number of remaining multiple exposures, Exposure compensation, HDR shooting, Highlight tone priority, Multiple-exposure shooting, Multi Shot Noise Reduction, Number of self-timer shooting, Digital Lens Optimizer, Maximum burst, AF method, Battery level, Battery level (%) display, Card free space (%) display, AF operation, Exposure simulation, Drive mode, AEB, Metering mode, FEB, Anti-flicker shooting, Still photo cropping, Aspect ratio, Auto Lighting Optimizer, AE lock, Picture Style, Flash-ready, White balance, Flash off, White balance correction, FE lock, Image Quality, High-speed sync, Bluetooth function, Wi-Fi function, Multi-function lock warning, Histogram, Electronic level, Lens information, focus distance scale, vertical exposure scale, Grid, Time
Depth of Field Preview	Yes, via customised button

Depth of Field Preview

Eyepiece Shutter

LCD MONITOR

Type	8.0 cm (3.2") TFT colour LCD, Approx. 2.1 million dots
Coverage	Approx. 100%
Viewing Angle	Approx. 170° vertically and horizontally

Horizontally/Vertically

Coating

Brightness Adjustment

Brightness Adjustment	Anti-smudge. Manual: Adjustable to one of seven levels Colour Tone Adjustment: 4 settings
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Touch-Screen Operations

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.
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Display Options

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 (6) Display off
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FLASH		Image Size	RAW/C-RAW: 3:2 ratio 6000x4000, 1.6x (crop) 3744x2496 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 In-camera Neural Network Upscaling up to 12000x8000 (96MP) ¹¹
Built-in Flash GN (ISO 100, meters)		Folders	New folders can be manually created, named and selected Movie folder structure is adopting the XF-HEVC S / XF-AVC S format
Built-in Flash Coverage		File Numbering	(1) Consecutive numbering (2) Auto-reset (3) Manual reset
Built-in Flash Recycle Time		File Naming	Still: Preset code Unique 4-digit character string + 4-digit file number 2 User Presets Movie: Adopting the XF-HEVC S / XF-AVC S format Camera index, Reel number, Clip number, Codec type, Shooting start date, Shooting start time, Random ID, User defined 5 characters, Stream number, (Proxy)
Modes	E-TTL II Auto Flash, Metered Manual		
Red-Eye Reduction			
X-Sync	When [Cropping/aspect ratio: Full-frame/1:1/4:3/16:9] is set: 1/200 sec mechanical shutter / 1/320 electronic 1st curtain, 1/400 sec Electronic shutter When [Cropping/aspect ratio: 1.6x (crop)] is set: 1/250 sec mechanical shutter / 1/400 electronic 1st curtain, 1/500 sec Electronic shutter ⁹		
Flash Exposure Compensation	+/- 3EV in 1/3 increments with EX and EL series Speedlite flashes		
Flash Exposure Bracketing	Yes, with compatible External Flash		
Flash Exposure Lock	Yes		
Second Curtain Synchronisation	Yes, via Speedlite		
Multi-Function shoe/Hot Shoe/PC Terminal	Yes/Yes/Yes		
External Flash Compatibility	E-TTL II with EX/EL series Speedlite, wireless multi-flash support		
External Flash Control	via camera menu screen		
SHOOTING		EOS MOVIE	
Modes	Stills: Flexible priority AE, Program AE, Shutter priority AE, Aperture priority AE, Manual, Bulb and Custom (x3) Movie: Program AE, Shutter priority AE, Aperture priority AE, Manual, and Custom (x3)	Movie Type	MP4 Video: 4K DCI/ UHD (17.9 / 16.9), Full HD (16.9) 4K Full HD: HEVC S/H.265, Audio: Linear PCM / AAC 4K Full HD: MPEG-4 AVC S/H.264, Audio: Linear PCM / AAC 6K RAW: 12-bit CRM Audio: Linear PCM / AAC 6K DCI (17.9) 6000 x 3164 (59.94, 50, 29.97, 25, 24, 23.98 fps) RAW, Light RAW 4K DCI (17.9) 4096 x 2160 (59.94, 50, 29.97, 25, 24, 23.98 fps) LGOP / High Quality intra frame / intra frame / light intra frame 4K UHD (16.9) 3840 x 2160 (119.88, 100, 59.94, 50, 29.97, 25, 23.98 fps) LGOP / High Quality intra frame / intra frame / light intra frame ¹² 2K DCI (17.9) 2048 x 1080 (239.76, 200, 119.88, 100, 59.94, 50, 29.97, 25, 24, 23.98 fps) LGOP / intra frame Full HD (16.9) 1920 x 1080 (239.76, 200, 119.88, 100, 59.94, 50, 29.97, 25, 23.98 fps) LGOP / intra frame Proxy recording: XF-AVC S YCC420 8bit 2K-DCI or Full HD (same angle of view and frame rate up to 100fps as main movie) Standard LGOP / Light LGOP XF-HEVC S YCC420 10bit 2K-DCI or Full HD (same angle of view and frame rate up to 100fps as main movie) Standard LGOP / Light LGOP 6K RAW 12bit, 4K/2K/Full HD - YCbCr4:2:0 8-bit or YCbCr4:2:2 10bit Custom Picture: C1: Canon 709 C2: Canon Log 2 C3: Canon Log 3 C4: PQ C5: HLG C6: BT.709 Standard C7 - C20: User Defined Picture Styles: Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Defined (x3)
Picture Styles	Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Defined (x3)	Movie Size	
Colour Space	SDR: sRGB and Adobe RGB HDR PQ: BT.2020 Highlight Tone Priority (3 settings) Auto Lighting Optimizer (4 settings) Long exposure noise reduction Clarity High ISO speed noise reduction (4 settings) (still and video) Lens optical correction: - Peripheral illumination correction, Chromatic aberration correction Distortion correction (during/after still photo shooting, during video only) - Focus breathing correction(during video only) - Diffraction correction, - Digital Lens Optimizer (during/after still photo shooting)	Colour Sampling (Internal recording)	
Image Processing	Resize to M, S1, S2 Cropping: JPEG images can be cropped (Aspect ratios 3:2, 4:3, 16:9, 1:1) Cropping of images - Switch between vertical and horizontal cropping orientation - Image straightening - Cropping frame can be moved using touch screen operation - Neural Network Upscaling RAW image processing Neural Network Noise Reduction Multiple exposure HDR HEIF to Jpeg conversion (inc Batch conversion) Focus Bracketing and in camera composition	Canon Log	
Drive Modes	Single, Continuous High+, Continuous High, Continuous Low, Customisable Continuous shooting speeds, Self-timer (2s+remote, 10s+remote, continuous)	Movie Length	Max duration 6 hours. (excluding High Frame Rate movies). No 4 GB file limit with exFAT formatted card. ¹³
Continuous Shooting	Max. Approx. 12 fps. with Mechanical shutter/1st curtain electronic speed maintained for 1000+ JPEG or 1000+ RAW images or 40 FPS with electronic shutter speed maintained for 500 JPEG or 230 RAW images ¹⁰ . Custom Continuous shooting speed with Electronic shutter selectable options 40 / 30 / 20 / 15 / 12 / 10 / 7.5 / 5 / 3 / 2 / 1 FPS depending on the drive mode. Pre-Continuous shooting is possible from 20 shots before the shutter button is fully pressed when the AF is on for 20 shots or more.	High Frame Rate Movie	MP4 Video: 4K – DCI 4096x2160 / UHD 3840x2160 at 119.9 / 100 fps Full HD 1920 x1080 at 239.76 / 200fps ¹⁴
Interval Timer	Built in	Frame Grab	8.8-megapixel JPEG still image frame grab from 4K DCI movie possible 8.3-megapixel JPEG still image frame grab from 4K UHD movie possible (HEIF only possible when HDR PQ is set) ¹⁵ Dual Shooting (Still & Movie): Movie Output: Main recording format: XF-AVC S YCC420 8bit Movie recording size: Full HD (Normal) at 59.94p / 29.97p / 50p / 25p (LGOP) Still Drive mode (JPEG only at the resolution of 17MP/5616x3168) and Aspect ratio: Approx. 16:9: High speed (Max. approx. 10 shots/sec. (NTSC), Max. approx. 8.3 shots/sec. (PAL)) Low speed (Max. approx. 5.0 shots/sec. (NTSC), Max. approx. 4.1 shots/sec. (PAL)) Single shooting
FILE TYPE - STILL			
Still Image Type	RAW 14 bit: RAW and C-RAW (Canon original RAW 3rd edition) JPEG 8 bit: 10 compression options HEIF 10 bit: 10 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		

<p>Bitrate/Mbps</p> <p>CRM:</p> <p>6K RAW (50p): Approx. 2600 Mbps 6K RAW (29.97p): Approx. 2000 Mbps 6K RAW (25p): Approx. 1670 Mbps 6K RAW (24p/23.98p): Approx. 1600 Mbps 6K Light RAW (59.97p): Approx. 1800 Mbps 6K Light RAW (50p): Approx. 1500 Mbps 6K Light RAW (29.97p): Approx. 900 Mbps 6K Light RAW (25p): Approx. 750 Mbps 6K Light RAW (24p/23.98p): Approx. 720 Mbps</p> <p>MP4:</p> <p>4K DCI/UHD Fine/Normal (Oversampled from 6K/Not oversampled)</p> <p>XF-HEVC S YCC422 10bit Standard LGOP 59.94p/50p: Approx. 225 Mbps 29.97p/25p/24p/23.98p: Approx. 135 Mbps</p> <p>XF-HEVC S YCC420 10bit Standard LGOP 59.94p/50p: Approx. 150 Mbps 29.97p/25p/24p/23.98p: Approx. 100 Mbps</p> <p>XF-AVC S YCC420 8bit Standard LGOP 59.94p/50.00p: Approx. 150 Mbps 29.97p/25p/24p/23.98p: Approx. 100 Mbps</p> <p>XF-AVC S YCC422 10bit High Quality Intra 59.94p: Approx. 1200 Mbps 50p: Approx. 1000 Mbps 29.97p: Approx. 600 Mbps 25p: Approx. 500 Mbps 24p / 23.98p: Approx. 480 Mbps</p> <p>XF-AVC S YCC422 10bit Standard Intra 59.94p: Approx. 900 Mbps 50p: Approx. 750 Mbps 29.97p: Approx. 450 Mbps 25p: Approx. 375 Mbps 24p / 23.98p: Approx. 360 Mbps</p> <p>XF-AVC S YCC422 10bit Light Intra 59.94p: Approx. 600 Mbps 50p: Approx. 500 Mbps 29.97p: Approx. 300 Mbps 25p: Approx. 250 Mbps</p> <p>24p / 23.98p: Approx. 240 Mbps</p> <p>XF-AVC S YCC422 10bit Standard LGOP 59.94p/50p: Approx. 250 Mbps 29.97p/25p/24p/23.98p: Approx. 150 Mbps</p> <p>4K DCI/UHD Normal (Not oversampled)</p> <p>XF-HEVC S YCC422 10bit Standard LGOP 119.88p/100p: Approx. 450 Mbps</p> <p>XF-HEVC S YCC420 10bit / XF-AVC S YCC420 8bit Standard LGOP 119.88p/100p: Approx. 300 Mbps</p> <p>XF-AVC S YCC422 10bit Standard Intra 119.88p/100p: Approx. 1800/1500 Mbps</p> <p>XF-AVC S YCC422 10bit Light Intra 119.88p/100p: Approx. 1200/1000 Mbps</p> <p>XF-AVC S YCC422 10bit Standard LGOP 119.88p/100p: Approx. 500 Mbps</p> <p>2K DCI/FullHD Fine/Normal (Oversampled from 4K/Not oversampled)</p> <p>XF-HEVC S YCC422 10bit Standard LGOP 59.94p/50p/29.97p/25p/24p/23.98p: Approx. 50 Mbps</p> <p>XF-HEVC S YCC420 10bit / XF-AVC S YCC420 8bit Standard LGOP 59.94p/50p/29.97p/25p/24p/23.98p: Approx. 35 Mbps</p> <p>XF-AVC S YCC422 10bit Standard Intra 59.94p: Approx. 300 Mbps 50p: Approx. 350 Mbps 29.97p: Approx. 150 Mbps 25p: Approx. 125 Mbps 24p / 23.98p: Approx. 120 Mbps</p> <p>XF-AVC S YCC422 10bit Standard LGOP 59.94p/50p/29.97p/25p/24p/23.98p: Approx. 50 Mbps</p> <p>2K DCI/FullHD Normal (Not oversampled)</p> <p>XF-HEVC S YCC422 10bit Standard LGOP 239.76p/200p: Approx. 200 Mbps 119.88p/100p: Approx. 100 Mbps</p> <p>XF-HEVC S YCC420 10bit / XF-AVC S YCC420 8bit Standard LGOP 239.76p/200p: Approx. 140 Mbps 119.88p/100p: Approx. 70 Mbps</p> <p>XF-AVC S YCC422 10bit Standard Intra 239.76p/200p: Approx. 1200 Mbps 119.88p/100p: Approx. 1000 Mbps</p> <p>XF-AVC S YCC422 10bit Standard LGOP 239.76p/200p: Approx. 200 Mbps 119.88p/100p: Approx. 100 Mbps</p> <p>Proxy Recording Bit rates:</p> <p>XF-HEVC S YCC420 10bit / XF-AVC S YCC420 8bit Standard LGOP 59.94p/50p/29.97p/25p/24p/23.98p: Approx. 16 Mbps</p> <p>XF-HEVC S YCC420 10bit / XF-AVC S YCC420 8bit Light LGOP 59.94p/50p/29.97p/25p/24p/23.98p: Approx. 9 Mbps</p> <p>Built-in mono microphone (48 KHz, 24 / 16-bit x 2 channels)</p> <p>Audio format: LPCM / 24 bit / 4CH AAC / 16 bit / 2CH</p>	<p>Dual Card recording</p> <p>HDMI Display</p> <p>HDMI Output</p> <p>Focusing</p> <p>ISO</p> <p>OTHER FEATURES</p> <p>NETWORK OPTIONS</p> <p>Custom Functions</p> <p>Metadata Tag</p> <p>LCD Panel/Illumination</p> <p>Water/Dust Resistance</p> <p>Voice Memo</p> <p>Intelligent Orientation Sensor</p> <p>Playback Zoom</p> <p>Display Formats</p> <p>Slide Show</p> <p>Histogram</p> <p>Highlight Alert</p> <p>Image Erase</p> <p>Image Erase Protection</p>	<p>Yes (including Proxy recording)</p> <p>Output to external monitor only (output of images and shooting information, images are recorded to the card) Camera screen and External Monitor output (Simultaneous recording to camera and external recorder, camera screen shows images with shooting information)¹⁵</p> <p>4K (DCI) 59.94p / 50.00p/29.97p/25.00p/24.00p/ 23.98p 4K (UHD) 59.94p / 50.00p/ 29.97p / 25.00p / 23.98p Full HD 59.94p / 60i / 59.94i, 50.00p / 50.00i, 24p 480p 59.94p 576p 50p</p> <p>Uncompressed YCbCr 4:2:2, 10-bit, sound output via HDMI is also possible</p> <p>Dual Pixel Intelligent AF with Eye/Face Detection and Tracking AF (people, animals and vehicles), Movie Servo AF, Manual Focus</p> <p>Auto: 100-32000, H: up to 204800 (when custom picture is off) Manual: 100-32000, H: up to 204800 (when custom picture is off)</p> <p>Communication functions: - Via Wi-Fi: FTP, FTPS, SFTP, EOS Utility, image.canon, Sync time between cameras, Camera Connect, Streaming services, Content Transfer Professional, Linked shooting, Camera Control API - Via Bluetooth: Camera Connect, BR-E1 - Via USB: EOS Utility, Camera Connect, Content Transfer Professional, Video calls/streaming (UVC/UAC) - Via Ethernet: FTP, FTPS, SFTP, EOS Utility, Sync time between cameras, Camera Control API</p> <p>Simultaneous use of communication functions: - FTP (wireless LAN) + EOS Utility (wireless LAN) - FTP (wired LAN) + EOS Utility (wired LAN) - FTP (wireless LAN) + EOS Utility (USB) - FTP (wired LAN) + EOS Utility (USB)</p> <p>User copyright information (can be set in camera) Image rating (0-5 stars) IPTC data (registered with EOS Utility) IPTC data (via CTP app) IPTC IIM (via CTP app) NewsML-G2 (News Metadata) (via CTP app) Image transfer with caption (Caption registered with EOS Utility) Blur/Out-of-Focus image detection data¹⁷</p> <p>Yes/Yes Yes¹⁸ Yes Yes</p> <p>1.5x - 10x in 15 steps / on high resolution image (Upscaled image): 1.5x to 35x (22 levels)</p> <p>(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</p> <p>(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</p> <p>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 Brightness: Yes RGB: Yes Yes</p> <p>Select and erase images / Select range / All images in folder / All images on card / All found images (only during image search), Images transmitted via FTP</p> <p>Erase protection of Select images / Select range / All images in folder / Unprotect all images in folder / All images on card / Unprotect all images on card / All found images / Unprotect all found images (only during image search)</p>
<p>Microphone</p>		

Self Timer	2 or 10 sec.	Flash	Canon Speedlite (EL-12 ³ , EL-5 EL-100, 90EX, 220EX, 270EX, 270EX II, 320EX, 380EX, 420EX, 430EX, 430EX II, 430EX III 470EX-AI, 550EX, 580EX ²³ , 580EX II ²³ , 600EX ²³ , 600EX-RT ²³ , 600EX-II-RT ²³ , Macro-Ring-Lite MR-14EX, Macro Ring Lite MR-14EX II, Macro Twin Lite MT-24EX, Macro Twin Lite MT-26EX Speedlite Transmitter ST-E2, Speedlite Transmitter ST-E3-RT ²³ , Speedlite Transmitter ST-E3-RT V2 ²³ , Speedlite Transmitter ST-E10)
Menu Categories	(1) Shooting menu (2) AF Menu (3) Playback menu (4) Communication Function (Network) (5) Function settings (Setup menu) (6) Customize controls (7) Custom Functions menu (8) My Menu	Remote Controller/Switch	Remote Switch RS-80N3, Timer Remote Controller TC-80N3, Remote control with N3 type socket, Speedlite 600EX-II-RT, Speedlite EL-1 and BR-E1 Bluetooth remote
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	Other	Eyecup ER-i, Eyecup ER-iE, Multi-Function Shoe Adapter AD-E1, Multi-Function Shoe Directional Stereo Microphone DM-E1D (Mic), Multi-Function Shoe Adapter for Smartphone Link AD-P1 for Android, Stereo Microphone DM-E1 / DM-E100, Tascam CA-XLR2d-C XLR microphone adapter, Rain Cover small ERC-R5S, Rain Cover large ERC-R5L, Protecting Cloth PC-E1, Hand Strap E2, Shoe cover ER-SC1, Shoe cover ER-SC2, Shoe cover ER-SC3
Firmware Update	Update possible by the user using Camera Connect app or EOS Utility (Camera, Lens, External Speedlite, BLE remote control, Lens adapter, Power zoom adapter, multi-function shoe compatible accessories)	PHYSICAL SPECIFICATIONS	
INTERFACE		Body Materials	Magnesium Alloy body and polycarbonate with glass fibre
Computer	SuperSpeed Plus USB 3.2 Gen 2 USB Type-C [®] connector	Operating Environment	0 – 45 °C, 85% or less humidity
Wi-Fi	Wireless LAN (IEEE 802.11ax 2x2 MIMO) (6 GHz / 5 GHz / 2.4 GHz) ¹⁹ , with Bluetooth 5.3 support	Dimensions (WxHxD)	Approx. 157.6×149.5×87.3 mm ²⁴
Other	HDMI out (Type A, HDMI-CEC not supported), RJ-45 Ethernet terminal for 2.5 GBASE-T wired LAN, External Microphone In (Stereo mini jack), Headphone socket (Stereo mini jack), N3-type terminal (remote control terminal), PC Sync terminal. GPS: GPS satellites (American) GLONASS satellites (Russian) MICHIBIKI Quasi-Zenith Satellites (Japanese)	Weight (body only)	Approx. 920 g (1115g with card and battery)
DIRECT PRINT			
Canon Printers			
PictBridge	Not supported		
STORAGE			
Type	2x CFexpress type B maximum capacity 2TB (compatible with CFexpress 2.0 and VPG400)		
SUPPORTED OPERATING SYSTEM			
PC	Windows 10 and Windows 11 (tablet mode not supported)		
Macintosh	macOS 12 / 13 /14		
SOFTWARE			
Image Processing	Digital Photo Professional 4.19.30 or later Digital Photo Professional Express mobile app 1.10.20 or later (iOS only)		
Other	EOS Utility 3.18.40 or later (incl. Remote Capture), Picture Style Editor, EOS Lens Registration Tool, EOS Web Service Registration Tool, Canon Camera connect app 3.2.30 or later (iOS/Android), Content Transfer Professional app (iOS/Android).		
POWER SOURCE			
Batteries	Rechargeable Li-ion Battery LP-E19 (supplied) ²⁰		
Battery Life	With LCD Approx. 1330 shots (at 23°C) With Viewfinder Approx. 700 shots (at 23°C) ²¹		
Battery Indicator	6 levels + percentage		
Power Saving	Power turns off after 15 seconds, 30 seconds, 1, 3, 5, 10 or 30 mins		
Power Supply & Battery Chargers	Battery charger LC-E19E (supplied), AC Adapter AC-E19 and DC Coupler DR-E19, PD-E2 USB power adapter, PD-E1 USB power adapter ²²		
ACCESSORIES			
Wireless File Transmitter	None		
Cases / Straps			
Lenses	All RF and RF-S lenses (EF & EF-S via Lens adapters)		
Lens Adapters	EF TO EOS R ADAPTER, EF TO EOS R ADAPTER WITH CONTROL RING, EF TO EOS R Drop in filter ADAPTER		

FOOTNOTES

- 1 Yaw, pitch, and roll image stabilization performance, based on the CIPA 2024 standard with RF 24-105mm F2.8 L IS USM Z at a focal length of 105mm
- 2 Cross-type AF does not function (vertical-line detection only) during movie recording, or during Servo AF High-speed continuous shooting+ mode when shooting with the Mechanical shutter or with the Electronic 1st-curtain. For lens related details, please refer to [Supplemental Information] for [EOS R1] in "<https://cam.start.canon>".
- 3 The lowest light AF is available with an f/1.2 lens, centre AF point, One-Shot AF, at 23°C / 73°F, ISO 100 Except RF lenses with a Defocus Smoothing (DS) coating
- 4 Only available for still photos and electronic shutter. If the person's size on the screen is small, or if part of the subject is hidden or multiple subjects are crowded together, identification accuracy may decrease.
- 5 AF-ON button have 2 states and can be further customised, for details please see the User's Guide at "<https://cam.start.canon>"
- 6 Recommended Exposure Index. Expanded ISO speeds are not available when [HDR shooting (PQ): HDR PQ] is set.
- 7 with 50mm lens at infinity, -1m-1 dpt
- 8 Low light AF performance will be reduced when suppress low frames is used
- 9 When using EL/EX Speedlite and [Sync speed priority: Enable] is set
- 10 Under Canon testing standards with CFexpress card and during servo AF, only RF lenses and some EF lenses can be used for continuous shooting at the maximum speed. The continuous shooting speed may be reduced by the lens, shutter speed, aperture, flash, subject conditions, and brightness (for example, when shooting in a dark place). Continuous shooting speed is slower when flicker is detected, even if anti-flicker shooting is off. For more details please see the User's Guide at "<https://cam.start.canon>".
- 11 Supported images: JPEG / HEIF images, Upscaled images can be cropped. The following images cannot be in-camera upscaled: RAW/C-Raw images, Images shot with a camera that is not the same model, Images resized or cropped by a camera, computer, or other device, In-camera upscaled images, Image size: Other than L, [Cropping/aspect ratio]: Other than Full-frame, Images shot with cropped shooting using an RF-S or EF-S lens, Images frame grabbed from movies, Images shot with the [Dual shooting (still&movie): On] setting. It may take some time for processing images. Shooting is not possible until the image processing finishes.
- 12 4K UHD and Full HD are 94% horizontal coverage of the image area, RAW, 4K DCI and 2K DCI are 100%, DCI movie cropping mode is 62% and UHD/HD movie cropping mode is 58.5% of the horizontal area.
- 13 If the camera's internal temperature becomes too high the maximum recording time will be reduced
- 14 With [High Frame Rate: Disable] setting, movie is recorded with audio and the movie is played back at actual speed. With [High Frame Rate: Enable] setting, no audio is recorded and the movie is played in slow motion at 29.97 fps (NTSC) /25.00 fps (PAL) when played back.
- 15 The camera cannot frame grab still photos from RAW movies and movies recorded when [Custom Picture: On] is set.
In-camera resizing or cropping and in-camera upscaling are not available for frame-grabbed still photos. Movie recording does not stop during still photo shooting. Movies are recorded to card 1, and still photos are recorded to card 2 (a card needs to be inserted in each slot).
The settings during movie recording are applied to still photos. AF/AE operates with the settings suitable for movie recording. The colour tone may differ from that of normal still photos depending on the timing of still photo shooting. Additional restrictions may apply for more details please see the User's Guide. (<https://cam.start.canon>)
- 16 HDMI CEC not supported
- 17 Blur/out-of-focus detection may not be performed for some scenes or subjects, or results may be inaccurate. Only JPEG or HEIF images are evaluated, and only when the camera is set to use the electronic shutter and detect people or eyes.
- 18 Although the camera features dust- and water-resistant construction, this cannot completely prevent dust or water droplets from entering the camera. To ensure adequate weather sealing, the supplied shoe cover should be used unless a weather sealed accessory is inserted in the Multi Function shoe.
- 19 Wi-Fi use may be restricted in certain countries or regions
6GHz is infrastructure only and camera AP is not supported.
- 20 Battery Pack LP-E4N / LP-E4 cannot be used.
- 21 Based on the CIPA Standard and using the battery supplied with the camera, except where indicated. In power saving mode
- 22 ACK-E4 (AC-E4 and DR-E4) cannot be used.
- 23 Must use Multi-Function Shoe Adapter AD-E1 to retain weather sealing
- 24 Based on CIPA guidelines.

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