

# EOS R50

## BORN TO CREATE

The new Canon EOS R50 is the perfect gateway into the EOS R range for active content creators looking to level up from their smartphone to a dedicated, mirrorless camera. This compact, do-it-all camera offers the complete stills and video package for thumb-stopping results. The ideal companion for those born to create.



- Fits into life's adventures
- Get the inimitable Canon look
- Focuses faster than you
- Production-ready UHD 4K filming
- Seamless sharing and connectivity

24.2 MEGA  
PIXELS  
CMOS



Creative Bracketing

Dual Pixel  
CMOS AF II



Advanced A+



High Frame Rate  
HD Movie



Movie for  
close-up demos



Movie IS mode

### PRODUCT RANGE



EOS R7

EOS R7  
EOS R10  
**EOS R50**



EOS R10



EOS R50

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# TECHNICAL SPECIFICATIONS

# EOS R50

## IMAGE SENSOR

Type	Approx. 22.3 × 14.9 mm (APS-C) CMOS
Effective Pixels	24.2MP
Total Pixels	25.5MP
Aspect Ratio	3:2
Low-Pass Filter	Built-in/Fixed
Sensor Cleaning	Not provided
Colour Filter Type	RGB Primary Colour
Sensor Shift-IS	No

## IMAGE PROCESSOR

Type	DIGIC X
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## LENS

Lens Mount <sup>13</sup>	RF (natively supporting RF and RF-S lenses) EF and EF-S lenses can be attached using Mount Adapter EF-EOS R, EF-EOS R Control Ring Mount Adapter, Drop-in Filter Mount Adapter EF-EOS R EF-M lenses are not compatible
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Focal Length	Equivalent to 1.6x the focal length of the lens with RF/RF-S and EF/EF-S lenses
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Image Stabilisation	Lens / Digital only
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## FOCUSING

Type	Dual Pixel CMOS AF II
AF System/Points <sup>14</sup>	100% horizontal and 100% vertical (Auto selection) 90% horizontal and 100% vertical (Manual selection) Max. 651 zones / 4503 positions for stills Max. 527 zones / 3713 positions for movies

AF Working Range <sup>15</sup>	EV -4 - 20 (at 23°C & ISO100)
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AF Modes	One Shot Servo AF Auto Switch (only in A+ mode)
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AF Point Selection	Automatic selection: 651 Available AF areas when automatically selected Manual selection: 1-point AF (AF frame size can be changed) 4503 AF positions available stills (3713 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 513 maximum focusing zones) Manual selection: Whole Area AF (Entire focusing area with 651 maximum focusing zones)
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AF Tracking	Humans (Eyes/Face/Head/Body), Animals (Dogs, Cats and Birds) or Vehicles (Racing cars or Motor bikes)
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AF Lock	Locked when: - shutter button is pressed halfway - customised button set to Metering and AF start is pressed in One Shot AF mode. - Using customised button set to AF stop in AI servo
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AF Assist Beam	Emitted by built in LED or optional dedicated Speedlite (flash)
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Manual Focus <sup>16</sup>	Selected on lens / in camera menu for lenses without AF / MF switch
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## EXPOSURE CONTROL

Metering Modes	Real-time with image sensor, 384-zone metering. (1) Evaluative metering (linked to All AF points) (2) Partial metering (Approx. 5.8% of viewfinder at centre) (3) Spot metering: Centre spot metering (Approx. 2.9% viewfinder at centre) AF point-linked spot metering not provided (4) Centre weighted average metering
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Metering Brightness Range	Stills: EV -2 to 20 (at 23°C, ISO100, with evaluative metering) Movies: EV 0 to 20 (at 23°C, ISO100, with evaluative metering)
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AE Lock	Auto: AE lock takes effect when focus is achieved Manual: By AE lock button in P, Av, Tv and M modes. Press again to cancel and once more to refresh. Enabled in all metering modes
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Exposure Compensation	+/-3 EV in 1/3 stop increments (can be combined with AEB)
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AEB	+/-3 EV in 1/3 stop increments
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Anti-Flicker Shooting <sup>17</sup>	Yes. Flicker detected at a frequency of 100 Hz or 120 Hz High frequency anti-flicker shooting not provided
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## ISO Sensitivity<sup>18</sup>

	Auto 100-32000 (in 1/3-stop or whole stop increments) ISO can be expanded to H: 51200
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SHUTTER Type <sup>19</sup>	Electronically controlled focal-plane shutter and Electronic rolling shutter function using the image sensor
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Speed	Electronic first-curtain: 30-1/4000 sec (1/3 stop increments), Bulb Electronic: 30-1/8000 (1/3 stop increments), Bulb Soft-touch electromagnetic release
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## Shutter Release

## WHITE BALANCE Type

	Auto white balance with the imaging sensor AWB (Ambience priority/White priority), Daylight, Shade, Cloudy, Tungsten light, White Fluorescent light, Flash, Custom, Colour Temperature Setting White balance shift: 1. Blue/Amber +/-9 2. Magenta/Green +/-9
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## Settings<sup>20</sup>

Custom White Balance	Yes, 5 setting can be registered by selecting an image on card
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WB Bracketing	+/- 3 levels (in single-level increments) Selectable Blue/Amber bias or Magenta/Green bias
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## VIEWFINDER

Type	0.39 inch OLED colour EVF
Dot Count	2.36 Million dots (1024x768)
Coverage (Vertical/Horizontal) <sup>21</sup>	Approx. 100%

Magnification <sup>22</sup>	Approx. 0.95x
Eye point	Approx. 22mm (At -1 m <sup>-1</sup> from eyepiece lens end)

Dioptr Correction	-3 to +1 m <sup>-1</sup> (dioptr)
Display Performance <sup>23</sup>	Power saving: 59.94 fps Smooth: 119.88 fps

## Viewfinder Information<sup>24</sup>

	Stills: Grid display (Off / 3x3 / 6x4 / 3x3 + diagonal), Histogram display (Brightness / RGB, Large / Small), Focus distance display, Focal length display, SA variable amount Movies: Grid display (Off / 3x3 / 6x4 / 3x3 + diagonal), Histogram display (Brightness / RGB, Large / Small), Focus distance display, Focal length display, SA variable amount, Recording emphasis, aspect marker (Off / 1:1 / 4:5 / 5:4 / 9:16 / 4:3 / 13:9 / 14:9 / 1.375:1 / 1.66:1 / 1.75:1 / 1.85:1 / 1.90:1 / 2.35:1 / 2.39:1)
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Depth of Field Preview	Yes, via customised button and when display simulation is set to Exposure+DOF
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Eyepiece Shutter	Not provided
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## LCD MONITOR

Type	Approx. 7.5 cm (2.95") TFT colour LCD monitor, Approx. 1.62 million dots
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Coverage <sup>25</sup>	Approx. 100%
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Viewing Angle	Approx. 170° vertically and horizontally
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Coating	None
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Brightness Adjustment	Manual: Adjustable to one of seven levels Colour Tone Adjustment: Not supported
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Touch-Screen Operations <sup>26</sup>	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	(1) Basic Camera settings (2) Advance Camera settings (3) Camera settings plus histogram and dual level display (4) No info (5) Quick Control Screen
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FLASH	
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Built-in Flash GN (ISO 100, meters)	6
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Built-in Flash Coverage	Approx. 18 mm focal length/angle of view (35mm equivalent: approx. 29 mm)
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Built-in Flash Recycle Time	Approx. 5 sec.
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Modes	E-TTL II Auto Flash, Metered Manual
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Red-Eye Reduction	Supported
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X-Sync	1/250 sec. electronic 1st curtain Flash photography is not available with Electronic shutter.
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# TECHNICAL SPECIFICATIONS

# EOS R50

<b>Flash Exposure Compensation</b>	+/- 3EV in 1/3 increments with EX series Speedlite flashes +/- 2EV in 1/3-stop increments with built in flash	<b>RAW+JPEG/HEIF Simultaneous Recording Image Size</b>	Yes, any combination of RAW + JPEG or RAW + HEIF possible RAW/ C-RAW: 6000x4000 (3:2 aspect ratio) JPEG/ HEIF: 3:2 ratio (L) 6000x4000, (M) 3984x2656, (S1) 2976x1984, (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
<b>Flash Exposure Bracketing</b>	Yes, with compatible External Flash (+/- 3EV in 1/3- or 1/2-stop increments with EX/EL series Speedlite flashes)	<b>Folders</b>	New folders can be manually created and selected
<b>Flash Exposure Lock</b>	Yes	<b>File Numbering</b>	(1) Continuous numbering (2) Auto reset (3) Manual Reset Not supported
<b>Second Curtain Synchronisation<sup>27</sup></b>	Yes, (With both the built-in and external Speedlites)	<b>File Naming</b>	
<b>Hot Shoe/PC Terminal<sup>28</sup></b>	Hot shoe: 21-pin multi-function shoe only PC Terminal: No	<b>EOS MOVIE</b>	
<b>External Flash Compatibility</b>	E-TTL II with EX/EL series Speedlite, wireless multi-flash support	<b>Movie Type</b>	HDR PQ [OFF]: MP4, 8 bits, H.264 / MPEG-4 AVC, YCbCr 4:2:0, Rec.709, AAC HDR PQ [ON]: MP4, 10 bits, H.265 / HEVC, YCbCr 4:2:2, Rec.2020, AAC
<b>External Speedlite Control</b>	via camera menu screen	<b>Movie Size<sup>8,9,10</sup></b>	4K UHD: 3840 x 2160, 16:9, NTSC (29.97 / 23.98) / PAL (25.00), IPB (Standard / Light), AAC Full HD High Frame Rate Movies: 1920 x 1080, 16:9, NTSC (119.88) / PAL (100.00), IPB (Standard / Light), No audio Full HD: 1920 x 1080, 16:9, NTSC (59.94 / 29.92 / 23.98) / PAL (50.00 / 25.00), IPB (Standard / Light), AAC, Digital Zoom 1-10x available at 29.97 / 23.98 / 25.00 Full HD time-lapse movies: 1920 x 1080, 16:9, NTSC (29.97) / PAL (25.00), ALL-I, No audio HDR movies: 1920 x 1080, 16:9, NTSC (29.97) / PAL (25.00), IPB (Standard), AAC Creative filters: 1920 x 1080, 16:9, NTSC (29.97 / 23.98) / PAL (25.00), IPB (Standard / Light), AAC
<b>SHOOTING Modes<sup>1,2,3,4,5,6,7</sup></b>	Scene Intelligent Auto (A+ Assist): Creative Assist, Creative bracketing, Advanced A+ Hybrid Auto: Digest Movie Scene: Self Portrait, Portrait, Smooth skin, Group photos, Landscape, Panoramic shot, Sports, Kids, Panning, Close-up, Food, Handheld Night Scene, HDR Backlight Control, Silent shutter Creative filters: Grainy B/W, Soft focus, Fish-eye effect, Water painting effect, Toy camera effect, Miniature effect, HDR art standard, HDR art vivid, HDR art bold, HDR art embossed P: Program Tv: Shutter-priority AE Av: Aperture-priority AE M: Manual exposure, bulb exposure Movie: Movie auto exposure, Movie manual exposure, Movie for close-up demos, Movie IS mode, HDR movie, Movie auto exposure	<b>Colour Sampling (Internal recording)</b>	4K UHD / Full HD - YCbCr4:2:0 8-bit or YCbCr4:2:2 10bit (when HDR PQ is enabled) Not supported
<b>Picture Styles</b>	Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Defined (x3)	<b>Canon Log</b>	Not supported
<b>Colour Space</b>	sRGB and Adobe RGB / Fixed at HDR PQ	<b>Movie Length<sup>31</sup></b>	Max duration 1 hour (excluding High Frame Rate movies). No 4 GB file limit with exFAT formatted card.
<b>Image Processing</b>	Resize JPEG / HEIF images to M, S1, S2 Cropping: JPEG / HEIF images can be cropped (Aspect ratios 3:2, 4:3, 16:9, 1:1) Cropping of images - Switch between vertical and horizontal cropping orientation - Cropping frame can be moved using touch screen operation RAW image processing: not supported Multiple exposure HDR HEIF to Jpeg conversion 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) Focus breathing compensation (compatible lenses, movies only) Highlight Tone Priority (3 settings) Auto Lighting Optimizer (4 settings) Long exposure noise reduction (3 settings) High ISO speed noise reduction (4 settings) (still and video) Clarity (+/- 4)	<b>High Frame Rate Movie<sup>32</sup></b>	Full HD 1920 x 1080 at 100 fps or 119.88 fps Recorded as 1/4-speed slow motion movie
<b>Drive Modes</b>	Single, Continuous High+, Continuous High, Continuous Low, Self-timer (2s+remote, 10s+remote, continuous)	<b>Frame Grab<sup>33</sup></b>	8.3-megapixel JPEG still image frame grab from 4K UHD movie possible (HEIF only possible when HDR PQ is set)
<b>Continuous Shooting<sup>29</sup></b>	Max. Approx. 12 FPS with Electronic 1st-curtain the speed maintained for 42 JPEG or 7 RAW images Max. Approx. 15 FPS with Electronic shutter the speed maintained for 28 JPEG or 7 RAW images	<b>Bitrate/Mbps</b>	MOV: MP4 HDR PQ: Off: 4K UHD (29.97p/25.00p/23.98p): IPB Approx. 120 Mbps 4K UHD (29.97p/25.00p/23.98p): IPB Light Approx. 60 Mbps Full HD (119.9p / 100p): IPB Approx. 120 Mbps Full HD (119.9p / 100p): 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 (29.97p/25.00p/23.98p): IPB Approx. 30 Mbps Full HD (29.97p/25.00p/23.98p): IPB Light Approx. 12 Mbps Full HD Time-lapse (29.97p/25.00p): ALL-I Approx. 90 Mbps MOV: MP4 HDR PQ: On 4K UHD (29.97p/25.00p/23.98p): IPB Approx. 170 Mbps 4K UHD (29.97p/25.00p/23.98p): IPB Light Approx. 85 Mbps Full HD (119.9p / 100p): IPB Approx. 180 Mbps Full HD (119.9p / 100p): 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 (29.97p/25.00p/23.98p): IPB Approx. 45 Mbps Full HD (29.97p/25.00p/23.98p): IPB Light Approx. 28 Mbps Full HD Time-lapse (29.97p/25.00p): ALL-I Approx. 135 Mbps
<b>Interval Timer</b>	Built in: 3 Scenes (moving subjects, slowly changing subjects, slowly changing scenes), Custom	<b>Dual Card Recording</b>	Not supported
<b>FILE TYPE - STILLS</b>		<b>Microphone</b>	Built-in stereo microphone (48 KHz, 16-bit x 2 channels)
<b>Still Image Type<sup>30</sup></b>	RAW 14 bit: RAW and C-RAW (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	<b>HDMI Display</b>	Output to external monitor only (output of images and shooting information, images/video are recorded to the card) Camera screen and External Monitor output (Recording to camera is not possible, use with external recorder, camera screen shows images with shooting information)

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# TECHNICAL SPECIFICATIONS

# EOS R50

<b>HDMI Output<sup>34</sup></b>	HDMI Micro OUT terminal (Type D) Auto: - 4K (UHD): NTSC (29.97p / 25.00p), PAL (23.98p) - 1080 NTSC (59.94p / 59.94i), PAL (50.00p / 50.00i) - 480 NTSC (59.94p) - 576 PAL (50.00p) 1080p: - 1080 NTSC (59.94p / 59.94i), PAL (50.00p / 50.00i) - 480 NTSC (59.94p) - 576 PAL (50p) HDR Specification: Rec. ITU-R BT.2100 (PQ) Bit depth: 10 bits Colour sampling method: Uncompressed YCbCr 4:2:2 Colour space: BT.709 / BT.601 / BT.2020 / BT.2100	<b>INTERFACE</b>	
<b>Focusing</b>	Dual Pixel CMOS AF II with Eye/Face Detection and Tracking AF (people, animals and vehicles), Movie Servo AF, Manual Focus	<b>Computer</b>	Hi-Speed USB 2.0 USB Type-C connector For computer communication / smartphone communication / battery charging / camera power supply
<b>ISO</b>	Auto: 100-12800, H: 25600 Manual: 100-12800, H: 16000-25600	<b>Wi-Fi</b>	Wireless LAN (IEEE802.11b/g/n) (2.4 GHz), with Bluetooth 4.2 support Features supported - EOS Utility, Smartphone, Upload to image.canon, Wireless printing
<b>OTHER FEATURES</b>		<b>Other</b>	HDMI Micro out (Type D, HDMI-CEC not supported) External Microphone In (3.5mm Stereo mini jack)
<b>Custom Functions</b>	6 Custom Functions ISO expansion Safety shift Customize buttons Customize control ring Release shutter without lens Retract lens on power off	<b>DIRECT PRINT</b>	
<b>Metadata Tag</b>	User copyright information (can be set in camera)	<b>Canon Printers</b>	Canon Compact Photo Printers and PIXMA Printers supporting PictBridge via wireless LAN
<b>LCD Panel/Illumination</b>	Not provided	<b>PictBridge</b>	Yes (via Wireless LAN)
<b>Water/Dust Resistance</b>	Not provided	<b>STORAGE</b>	
<b>Voice Memo</b>	Not provided	<b>Type<sup>35</sup></b>	SD/SDHC/SDXC and UHS-I
<b>Intelligent Orientation Sensor</b>	Yes- For stills and movies	<b>SUPPORTED OPERATING SYSTEM</b>	
<b>Playback Zoom</b>	1.5x - 10x in 15 steps	<b>PC<sup>36</sup></b>	Windows 10/11 (Desktop mode only)
<b>Display Formats</b>	(1) Single image (2) Single image with information (basic / detailed) (3) 4 image index (4) 9 image index (5) 36 image index (6) 100 image index (7) Jump Display (1, 10 or Custom (1-100) images, Date, Folder, Movies, Stills, Protected images, Rating, Jump to first image of scene) (8) Rating	<b>Macintosh</b>	macOS 10.15, 11.4, 12, 13
<b>Slide Show</b>	Image selection: All images Playback time: 1/2/3/5/10 or 20 seconds Repeat: On/Off Transition effect: Off / Slide in 1 / Slide in 2 / Fade 1 / Fade 2 / Fade 3	<b>SOFTWARE</b>	
<b>Histogram</b>	Brightness: Yes RGB: Yes	<b>Image Processing</b>	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)
<b>Highlight Alert</b>	Not provided	<b>Other<sup>37</sup></b>	EOS Utility# 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)
<b>Image Erase</b>	Single image, select range, Selected images, Folder, Card	<b>POWER SOURCE</b>	
<b>Image Erase Protection</b>	Protect / Unprotect: Single image, Folder, Card, All found images	<b>Batteries<sup>38</sup></b>	Rechargeable Li-ion Battery LP-E17 (supplied)
<b>Self Timer</b>	2sec, 10 sec	<b>Battery Life<sup>39</sup></b>	With LCD Approx. 440 shots (at 23°C) With Viewfinder Approx. 310 shots (at 23°C)
<b>Menu Categories</b>	(1) Shooting menu (2) AF Menu (3) Playback menu (4) Network (5) Setup menu (6) Custom Functions menu (7) My Menu	<b>Battery Indicator</b>	4 level indicator
<b>Menu Languages</b>	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	<b>Power Saving<sup>40</sup></b>	Screen dimmer: 5 sec. / 10 sec. / 15 sec. / 20 sec. / 25 sec. / 30 sec. / Disable 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
<b>Firmware Update</b>	Update possible by the user (Camera, Lens, External Speedlite, BLE remote control, Lens adapter, multi-function shoe accessories)	<b>Power Supply &amp; Battery Chargers</b>	Battery charger LC-E17E (supplied), AC Adapter AC-E6N and DC Coupler DR-E18, PD-E1 USB power adapter
		<b>ACCESSORIES</b>	
		<b>Wireless File Transmitter</b>	None
		<b>Cases / Straps</b>	Strap provided Hand Strap E2
		<b>Lenses</b>	All RF and RF-S lenses (EF & EF-S via Lens adapters)
		<b>Lens Adapters</b>	Mount Adapter EF-EOS R, EF-EOS R Control Ring Mount Adapter, Drop-in Filter Mount Adapter EF-EOS R
		<b>Flash</b>	Canon Speedlite EL-5, Speedlite Transmitter ST-E10 With AD-E1 adapter: Canon Speedlite (EL-1, 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, Off-Camera Shoe Cord OC-E3)
		<b>Remote Controller/Switch<sup>41</sup></b>	Wireless Remote Control BR-E1
		<b>Other<sup>42</sup></b>	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, Tripod grip HG-100TBR*, Interface Cable IFC-100U, Interface Cable IFC-400U, Protecting Cloth PC-E1 / E2 With AD-E1 adapter: Stereo Microphone DM-E1 / DM-E100

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# TECHNICAL SPECIFICATIONS

# EOS R50

## PHYSICAL SPECIFICATIONS

### Body Materials

Primarily consists of aluminium alloy and high-strength engineering plastic

### Operating Environment

0 – 40 °C, 85% or less humidity

### Dimensions (WxHxD)

Approx. 116.3 x 85.5 x 68.8 mm

### Weight (body only)

Black: Approx. 328 g (375g with card and battery, Based on CIPA guidelines.)  
White: Approx. 329 g (376g with card and battery, Based on CIPA guidelines.)

## PAGE

## FOOTNOTES/DISCLAIMERS<sup>11,12</sup>

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### Footnotes:

- [1] Special Scene: Brightness can be set (except in HDR backlight control mode)
- [2] Panoramic shot: Users can set their preferred direction to rotate the camera (right/left/up/down). Automatically set to [Large / Fine] and [Low speed continuous]. [Cropping / aspect ratio] is not available. All RF and EF lenses can be used, but some lenses can also reduce subject blue that is more likely to occur during panning. Refer to the separate lens list.
- [3] Panning: [Effect: min / med / max] can be set. Refer to the separate lens list
- [4] Food: [Color tone: Cool tone-Warm tone (five levels)] can be set
- [5] Handheld night scene: Flash photography is not available
- [6] Silent shutter: The camera may make some sounds for operations such as autofocus, aperture adjustment and image stabilisation. Flash photography not available
- [7] Creative filters: Only JPEGs (RAW image shooting is not possible) can be captured in Creative filters mode
- [8] 4K UHD generated from 6K oversampling
- [9] Time-lapse: playback frame rate is shown  
High-frame rate: recording frame rate is shown
- [10] No audio is recorded for miniature effect movies, time-lapse movies and High Frame Rate movies
- [11] Equipped with Bluetooth® low energy technology. The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by Canon Europe Ltd. is under license. Other trademarks and trade names are those of their respective owners. Wi-Fi® is a registered trademark of the Wi-Fi Alliance.  
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All other trademarks are the property of their respective owners.
- [13] The operation of the RF 5.2 mm F 2.8 L DUAL FISHEYE is not guaranteed. Excluding EF-M lenses.  
Operation of EF Cinema Lens is not guaranteed. Operation of the mount adapter EF-EOS R 0.71 X (sold separately) is not guaranteed.
- [14] 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 [EOS R7/EOS R10] in "cam.start.canon".
- [15] During still photo shooting, with an f/1.2 lens, Centre AF point, One-Shot AF, at 23°C/73°F, ISO 100. Excluding RF lenses with Defocus Smoothing coating
- [16] Depending on the lens attached. When RF lenses without a focus mode switch are attached manual focus is selected in the camera menu. When RF/EF lenses with a focus mode switch are attached, the Focus mode menu option is not available.
- [17] Not available when using the electronic shutter Flicker can also be detected manually Increases shutter-release time lag May decrease continuous shooting speed The interval between shots in continuous shooting may vary Color tone may not match the color tone of images captured with this feature set to [Disable] Changing light source conditions during continuous shooting may prevent reduction of the effects of flicker
- [18] ISO is limited to ISO 200–32000 when [Highlight tone priority] is configured. Expanded ISO speeds cannot be set in HDR mode or for HDR shooting (HDR PQ).
- [19] Flash photography is only available with Electronic 1st-curtain shutter
- [20] White balance shift cannot be set at the same time as white balance bracketing or exposure bracketing

- [21] At JPEG Large image quality, 3:2 aspect ratio, approx. 22mm eyepoint
- [22] With 3:2 display, an RF 50mm F1.2 L USM lens at infinity, -1 m<sup>-1</sup>
- [23] The maximum frame rate during AF, half-press of the shutter button, or continuous shooting is 59.94 fps. Note that the display frame rate may be lower depending on the lens you are using and shooting conditions.
- [24] SA variable amount is only displayed when a lens with SA control is attached
- [25] At L image size and an aspect ratio of 3:2
- [26] Double-tap with two fingers to magnify menu screens around the two points touched
- [27] With built-in flash, first-curtain synchronisation is used with shutter speeds faster than 1/30 sec.
- [28] A 5-pin contact for previous accessories is not equipped. Use of previous accessories requires multi-function shoe adapter AD-E1
- [29] Under Canon testing standards with 32GB UHS-I 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"
- [30] Using electronic shutter or High-speed continuous shooting + in Electronic 1st-curtain shutter, RAW files will have a 12-bit A/D conversion.
- [31] Max. movie continuous recording time available:  
Normal: 1 hr. High Frame Rate movie (Full HD 120/100fps): 15 min.  
If the camera's internal temperature becomes too high the recording time may reduce.  
4K 30p HQ: Approx. 50 min. if starting from +23°C.
- [32] In High frame Rate Movie mode sound is not recorded
- [33] Extracted still photos cannot be resized or cropped within the camera.
- [34] Resolution switches automatically  
HDMI CEC not supported  
Images not displayed unless [For NTSC] or [For PAL] is set correctly for the TV video system
- [35] UHS-I high speed cards are recommended for 4K video recording and high speed continuous shooting
- [36] Windows 8.1 is not supported due to the end of OS support in January 2023.
- [37] EOS Utility doesn't support Apple Silicon-powered Macs with macOS 13 installed.
- [38] 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.
- [39] Based on the CIPA Standard and using the battery supplied with the camera, except where indicated. In power saving mode
- [40] 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.
- [41] Requires Remote Controller Adapter RA-E3. High-frame rate: recording frame rate is shown
- [42] 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.

## What's in the box?

### EOS R50 BODY BLACK

- EOS R50 Body (BK)
- Camera Cover R-F-5
- Neck Strap EM-200DB
- Battery Charger LC-E17E
- Battery Pack LP-E17
- Battery Pack Cover
- Power Cord(EU)
- Shoe Cover
- Printed Matter Unit(EU)
- Packing Unit

### EOS R50 BLACK + RF-S 18-45 IS STM Kit

- EOS R50 Body(BK)
- Camera Cover R-F-5
- Neck Strap EM-200DB
- Battery Charger LC-E17E
- Battery Pack LP-E17
- Battery Pack Cover
- Power Cord(EU)
- RF-S18-45mm F4.5-6.3 IS STM
- Lens Cap E-49
- Lens Dust Cap RF
- Shoe Cover
- Printed Matter Unit(EU)
- Packing Unit

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