



# EOS RP



Discover Canon's lightest full frame mirrorless camera: EOS-RP, boasting 26 megapixel full frame CMOS sensor, 4K movies and 3" LCD vari-angle touch screen with touch and drag autofocus.



# EOS RP

**26.2** MEGA  
PIXELS  
CMOS



A 26.6 megapixel Full Frame Canon CMOS sensor delivers incredible image quality and detail from highlights and shadows.

OLED  
**EVF**  
approx.  
**2.36 MEGA**  
dots

Never take your eyes off the shot thanks to a 2.36 million dot OLED Electronic viewfinder which is designed for more immersive shooting.

**Dual Pixel** CMOS **AF**

Canon's Dual Pixel CMOS AF delivers Auto Focus in as little as 0.05 secs with 4779 available AF point positions. Plus, experience smooth AF transitions and exceptional tracking performance in 4K movie mode.



Bluetooth maintains a connection with your phone after initial pairing and switches smartly to Wi-Fi for image download or remote shooting via the Canon Camera Connect app.



3" Vari Angle LCD screen is a full touch screen for all functions and the vari angle design enables you to rotate the screen to different angles and flip it around for vlogging.



4K Video recording for both movies and time lapses and enhanced audio capability. Future proof your movies with high resolution footage and ability to grab 8.8MP still photos from your movies.



Fast, powerful and innovative, Canon's new DIGIC 8 imaging processor commands cutting-edge technologies to deliver stunning quality, fast performance and intuitive operation.

**ISO**  
40000  
FHD 25600  
4K 12800

Designed to shoot in challenging light conditions, the EOS RP has a native ISO 100-40000 range, (expandable to ISO 102400) for stills, 25600 for Full HD movies and 12800 for when shooting 4K.



When the camera detects a human face, it uses the subject's eye as the autofocus point, perfect for portrait shooting with large-diameter lenses that require precise focus.



Create impressive 4K time-lapse movies in camera - the EOS RP can also track auto exposure for each image taken during the time-lapse sequence.



Automatically capture a series of images at selected intervals. Great for people who want to create their own time lapses and still have the flexibility to use full resolution frames from each shot.



Shoot multiple images quickly with up to 5 frames per second continuous shooting speed, allowing you to freeze the action to capture that perfect expression.



Apply basic processing and convert RAW images to JPEG in camera for easy sharing via the Canon Camera Connect App.



EOS RP is compatible with Canon's fastest, sharpest lenses in the RF lens range which all feature a lens control ring for control over aperture, shutter speed, ISO or exposure compensation.



Dual Axis Electronic Level is a feature that is capable of indicating an alignment level for both pitch and roll on the rear LCD screen and within the viewfinder.

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|  | Feature  | EOS RP                                    |
|--|--|---|
| Lens mount   | Name   | RF mount                                  |
|  | Outer diameter (mm)                                    | 65 diameter                               |
|  | Flange back (mm)                                       | 20.0                                      |
|  | Lens   | RF, EF <sup>*1</sup> , EF-S <sup>*1</sup> |
|  | Communication terminals                                | 12 pins                                   |
| Image sensor                                       | Image sensor size                                      | Full frame                                |
|  | Effective pixels (approx. megapixels)                  | 26.2                                      |
| Imaging processor                                  |  | DIGIC 8                                   |
|  | RAW file extension                                     | CR3                                       |
| Recording system                                   | CRAW compatibility                                     | Yes                                       |
|  | Cropped shooting                                       | Yes                                       |
| Auto white balance                                 | White priority   | Yes                                       |
| Picture Style                                      | Fine Detail  | Yes                                       |
|  | Sharpness: Fineness and Threshold                      | Yes                                       |
| Creative assist (When shooting, At RAW processing) |  | Yes                                       |
| Image creation                                     | Dual Pixel RAW   | –   |
| Image processing                                   | Dual Sensing IS for still photos                       | Yes                                       |
|  | ALO (tone improvement)                                 | Yes                                       |
|  | Highlight tone priority (Enhanced: D+2)                | Yes                                       |
| Lens aberration correction during shooting         | Peripheral illumination correction                     | Yes                                       |
|  | Distortion correction                                  | Yes                                       |
|  | Digital Lens Optimizer                                 | Yes                                       |
|  | Chromatic aberration correction                        | Yes                                       |
|  | Diffraction correction                                 | Yes                                       |
|  | Compatible with lenses having built-in correction data | Yes                                       |
| Noise reduction                                    | Long exposure noise reduction                          | Yes                                       |
|  | High ISO speed noise reduction                         | Yes                                       |
|  | Multi-shot noise reduction                             | Yes                                       |
| Recording media                                    | Card slot (single)                                     | SD  |
|  | SD card UHS-II compatibility                           | Yes                                       |
|  | SD card UHS-I compatibility                            | Yes                                       |
|  | SD card speed class compatibility                      | Yes                                       |
| Viewfinder   | Type   | EVF (electronic)                          |
|  | EVF screen size  | 0.39 inch                                 |
|  | EVF dots (approx.)                                     | 2.36 million                              |
|  | Dioptric adjustment range (m <sup>-1</sup> (dpt))      | -4.0 to +1.0                              |
|  | Eye point (approx. mm)                                 | 22  |
|  | Coverage (approx. %)                                   | 100*2                                     |
|  | Magnification (approx. x)                              | 0.7                                       |
|  | Brightness adjustment                                  | Yes                                       |
| Color tone adjustment                              | –  |   |

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|   |  |  |                              |                               |
|---|--|--|------------------------------|-------------------------------|
| LCD panel   |  |  | Not provided                 |                               |
| Mode dial   |  |  | Provided                     |                               |
| Multi-function bar                                  |  |  | Not provided                 |                               |
| Functions assigned to lens control ring             |  |  | Provided                     |                               |
| Autofocus<br>(During still photo shooting)          | Focusing method  | Dual Pixel CMOS AF                                     | Yes                          |                               |
|   |  | Contrast AF  | –                            |                               |
|   | AF operation   | One-Shot AF  | Yes                          |                               |
|   |  | Servo AF   | Yes                          |                               |
|   | AF method  | Face+Tracking AF                                       | Yes                          |                               |
|   |  | Spot AF  | Yes                          |                               |
|   |  | Single-point AF  | Yes                          |                               |
|   |  | AF point expansion (Up, down, left, right, and around) | Yes                          |                               |
|   |  | Zone AF  | Yes                          |                               |
|   |  | Large Zone AF (Vertical)                               | –                            |                               |
|   |  | Large Zone AF (Horizontal)                             | –                            |                               |
|   | Focusing brightness range  |  |                              | EV -5 to 18                   |
|   | Maximum AF area (relative to image area, approx.)                    |  |                              | Horizontal 88%, Vertical 100% |
|   | Available AF areas when automatically selected                       |  |                              | Max. 143                      |
|   | Available AF point positions   |  |                              | Max. 4779                     |
|   | Maximum number of AF points  |  |                              | –                             |
|   | Eye Detection AF (One-shot AF)                                       |  |                              | Yes                           |
|   | Eye Detection AF (Servo AF)  |  |                              | Yes                           |
|   | Continuous AF  |  |                              | Yes                           |
|   | A+Auto servo setting   |  |                              | Yes                           |
| AF-assist beam (built-in LED)                       |  |  | Yes                          |                               |
| Touch & drag AF                                     |  |  | Yes                          |                               |
| Manual focus assistance                             | MF peaking   |  | Yes                          |                               |
|   | Focus guide  |  | –                            |                               |
| Focus bracketing                                    |  |  | Yes                          |                               |
| Shooting mode                                       | Flexible-priority AE   |  | Yes                          |                               |
|   | Special scene mode   |  | Yes                          |                               |
| Exposure control                                    | Metering mode  | Evaluative metering                                    | Yes                          |                               |
|   |  | Partial metering                                       | Yes                          |                               |
|   |  | Spot metering  | Yes                          |                               |
|   |  | Center-weighted average metering                       | Yes                          |                               |
|   | Metering brightness range  |  |                              | EV -3 to 20                   |
|   | ISO speed  | Normal range   |                              | 100 to 40000                  |
|   |  | Minimum ISO speed for expansion                        |                              | L: 50                         |
|   |  | Maximum ISO speed for expansion                        |                              | H1: 51200, H2: 102400         |
|   |  | With ISO Auto, minimum shutter speed set automatically |                              | 7 settings                    |
|   | Anti-flicker shooting  |  |                              | Yes                           |
| M mode + exposure compensation when ISO Auto is set |  |  | Yes                          |                               |
| Multiple exposures                                  |  |  | Yes                          |                               |
| HDR shooting  |  |  | Yes                          |                               |
| Shutter   | Mechanical first curtain, mechanical second curtain                  |  | –                            |                               |
|   | Electronic first curtain, mechanical second curtain                  |  | Yes                          |                               |
|   | Electronic first curtain, electronic second curtain (Silent shutter) |  | Yes (Silent mode)            |                               |
|   | Shutter speed  |  | 1/4000 to 30 sec.<br>X=1/180 |                               |

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|   |   |                             |  |
|---|---|-----------------------------|--|
| Flash   | Safety FE   |                             | Yes                                      |
|   | Continuous shooting priority mode                                 |                             | Yes                                      |
|   | Linked K430 flash control   |                             | Yes                                      |
| Drive (Approx. fps)   | Maximum continuous shooting speed                                 | High speed (One-shot AF)    | 5.0                                      |
|   |   | High speed (AI Servo AF)    | 4.0                                      |
|   |   | Low speed                   | 2.6                                      |
|   | High-speed display for high-speed continuous shooting             |                             | Yes                                      |
| Timer shooting  | Bulb timer  |                             | Yes                                      |
|   | Interval timer  |                             | Yes                                      |
| Maximum burst (UHS II)                                      |   | RAW                         | 50 (Full)                                |
|   |   | JPEG L_Fine                 | Full (Full)                              |
| Direct image transfer                                       | Transfer with caption   |                             | –  |
| Customization   | Custom Functions  |                             | 23                                       |
|   | My Menu tabs  |                             | Up to five                               |
| Screen  | Dots (approx. * dots)   |                             | 1.04 million                             |
|   | Touch screen  |                             | Yes                                      |
|   | Angle adjustment  |                             | Yes                                      |
| External interface  | Digital terminal  | Terminal type               | Type-C                                   |
|   |   | Communication specification | Equivalent to Hi-Speed USB               |
| Date/time functions   | HDMI mini   |                             | Yes                                      |
|   | Adjusting the time difference                                     |                             | Yes                                      |
| In-camera charging  | Backup battery: Built-in secondary battery                        |                             | Yes                                      |
|   | With EC809  |                             | Yes                                      |
| Battery   |   |                             | LP-E17                                   |
| Number of possible shots (23°C/73°F, Shooting with monitor) |   |                             | 250                                      |
| Dimensions  | (Width x Height x Depth, approx. mm / in.) based on CIPA criteria |                             | 132.5 × 85.0 × 70.0 / 5.22 x 3.35 x 2.76 |
|   | (Depth from tip of the grip to screen surface : Approx. mm / in.) |                             | 59.4 / 2.34                              |
|   | Weight (approx. g/oz.) (With battery, CF card, SD memory card)    |                             | 485 / 17.11                              |
| Durability  |   |                             | Approx. 100,000 cycles                   |
| Firmware updates  | Camera / Lens   |                             | Yes                                      |
|   | WFT   |                             | –  |
|   | External Speedlite/ BLE remote control                            |                             | Yes                                      |
| Built-in GPS function                                       |   |                             | –  |
| Built-in wireless LAN                                       | FTP transfer  |                             | –  |
|   |   |                             | FTP                                      |
|   |   |                             | FTPS                                     |
|   | Transfer images between cameras                                   |                             | –  |
|   | Wi-Fi communication with smartphones                              |                             | Yes                                      |
|   | Movie transcode transfer (communication with smartphones)         |                             | Yes                                      |
|   | BLE communication with smartphones                                |                             | Yes                                      |
|   | Bluetooth remote control function                                 |                             | Yes                                      |
|   | Operate remotely using EOS Utility                                |                             | Yes                                      |
|   | Print images using a Wi-Fi printer                                |                             | Yes                                      |
|   | View images using a media player                                  |                             | –  |
| Send images to a Web service                                |   | Yes                         |  |
| NFC connection (Connect Station, smartphone, and tablet)    |   | –                           |  |

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|   |  |  |  |
|---|--|--|--|
| Movie recording                             | MP4 recording                                  | Yes  |  |
|   | MOV recording                                  | –  |  |
|   | Movie recording size                           | 4K, FHD, HD/ SD<br>Yes                                 |  |
|   | Frame rate<br>NTSC / PAL (fps)                 | 4K   | 23.98 / 25.00  |
|   |  | FHD  | 59.94, 29.97 / 50.0, 25.0  |
|   |  | HD High Frame Rate                                     | –  |
|   |  | HD   | 59.94, 29.97 / 50.0, 25.0  |
|   |  | SD   | –  |
|   | Headphone terminal                             | Yes  |  |
|   | Built-in microphone                            | Stereo   |  |
|   | Focusing method<br>(Full HD, HD)               | Dual Pixel CMOS AF                                     | Yes  |
|   |  | Movie Servo AF   | Yes  |
|   |  | Movie Servo AF characteristic settings                 | Yes  |
|   | Focusing method<br>(4K)                        | Dual Pixel CMOS AF                                     | –  |
|   |  | Contrast AF  | Yes  |
|   |  | Movie Servo AF   | Yes  |
|   |  | Movie Servo AF characteristic settings                 | –  |
|   | AF method<br>(Full HD, HD)                     | Face+Tracking AF                                       | Yes  |
|   |  | Spot AF  | Yes  |
|   |  | Single-point AF  | Yes  |
|   |  | AF point expansion (Up, down, left, right, and around) | Yes  |
|   |  | Zone AF  | Yes  |
|   |  | Large Zone (Vertical)                                  | –  |
|   |  | Large Zone (Horizontal)                                | –  |
|   | AF method<br>(4K shooting)                     | Face+Tracking AF                                       | Yes  |
|   |  | Spot AF  | –  |
|   |  | Single-point AF  | Yes  |
|   |  | AF point expansion (Up, down, left, right, and around) | –  |
|   |  | Zone AF  | –  |
|   |  | Large Zone (Vertical)                                  | –  |
|   |  | Large Zone (Horizontal)                                | –  |
|   | Touch & drag AF                                | Yes  |  |
|   | Manual focus assistance                        | MF peaking settings                                    | Yes  |
|   |  | Focus guide  | –  |
|   | Metering                                       | Center-weighted average metering                       | Yes  |
|   |  | AF point-linked evaluative metering                    | Yes  |
|   | Movie shooting modes                           | Auto exposure / Manual exposure                        |  |
|   | ISO speed manual setting                       | With Full HD shooting                                  | 100 to 25600<br>H (32000/40000)<br>H1 (51200)<br>H2 (102400)                       |
|   |  | With 4K shooting                                       | 100 to 12800<br>H (16000/20000/25600/<br>32000/40000)<br>H1 (51200)<br>H2 (102400) |
|   | HDR Movie Shooting                             | Yes  |  |
|   | Time-lapse movie shooting                      | Yes  |  |
|   | Movie digital IS                               | 5-axis stabilization                                   | Yes  |
| Rolling shutter effect compensation         |  | Yes  |  |
| Coordinated control (Combination IS)        |  | Yes  |  |
| Cropped movie shooting                      | Yes  |  |  |
| Frame grab from 4K movies (during playback) | Yes<br>Approx. 8.3 megapixels<br>(3840 x 2160) |  |  |
| HDMI output<br>for video                    | 4K   | Yes  |  |
|   | FHD  | No   |  |
| HDMI HDR output (still photos)              |  | Yes  |  |