

EOS RP STEP INTO THE CREATIVE WORLD OF EOS R FULL-FRAME

A small, light and intuitive full-frame EOS R series camera for amateur and enthusiast photographers.



- Step into the creative world of EOS R full-frame with ease
- Incredible quality images at any time of day
- EOS handling without compromise
- See everything, miss nothing with Dual Pixel CMOS AF
- Shoot flexibly and connect seamlessly
- Create high quality and super-steady movies

26.2 MEGA
PIXELS
CMOS

Dual Pixel
CMOS AF

FULL
FRAME
CMOS

DiG!C
8

EOS Movie
4K+FULL HD

WiFi
CERTIFIED

PRODUCT RANGE



EOS R



EOS RP

EOS R
EOS RP

Canon

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TECHNICAL SPECIFICATIONS

EOS RP

IMAGE SENSOR		WHITE BALANCE	
Type	35.9 x 24 mm CMOS	Type	Auto white balance with the imaging sensor
Effective Pixels	Approx. 26.2 Megapixels	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
Total Pixels	Approx. 27.1 Megapixels		
Aspect Ratio	*3:2	Custom White Balance	Yes, 1 setting can be registered
Low-Pass Filter	Built-in/Fixed	WB Bracketing	*+/-3 levels in single level increments Selectable Blue/Amber bias or Magenta/Green bias
Sensor Cleaning	EOS integrated cleaning system		
Colour Filter Type	Primary Colour		
		VIEWFINDER	
IMAGE PROCESSOR		Type	0.39-inch OLED colour EVF
Type	DIGIC 8	Dot count	2.36 Million dots
		Coverage (Vertical/Horizontal)	Approx. 100%
LENS		Magnification	Approx. 0.70x ^[1]
Lens Mount	RF (EF and EF-S lenses can be attached using Mount Adapter EF-EOS R, Control Ring Mount Adapter EF-EOS R, or Drop-In Filter Mount Adapter EF-EOS R. EF-M lenses are not compatible)	Eyepoint	Approx. 22 mm (from eyepiece lens centre) *-4 to +1 m-1 (dioptre)
Focal Length	Equivalent to 1.0x the focal length of the lens with RF and EF lenses 1.6x with EF-S	Viewfinder Information	AF point information, Exposure level indicator, Number of remaining multiple exposures, Exposure compensation, HDR shooting, Highlight tone priority, Multiple-exposure shooting, ISO speed, Possible shots, Multi Shot Noise Reduction, Number of self-timer shooting, Digital Lens Optimizer, Maximum burst, AF method, Battery level, AF operation, Exposure simulation, Drive mode, AEB, Metering mode, FEB, Anti-flicker shooting, Still photo cropping, Shooting mode, Aspect ratio, Scene icons 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, Shutter speed, Wi-Fi function, Multi-function lock warning, Histogram, Aperture Electronic level, Lens information
		Depth of field preview	Yes, via customised button
FOCUSING		Eyepiece shutter	N/A
Type	Phase-difference detection system with image sensor (Dual Pixel CMOS AF)		
Coverage	88% horizontal and 100% vertical coverage ^[10]	LCD MONITOR	
AF working range	EV -5 to 18 (at 23°C & ISO100)	Type	7.5 cm (3.0") Clear View LCD II, approx. 1.04 Million dots
AF Modes	One Shot Servo AF	Coverage	Approx. 100%
AF Point Selection	Automatic selection: Face+tracking + Eye AF Manual selection: 1-point AF (AF frame size can be changed) 4779 AF positions available Spot AF Manual selection: AF point Expansion 4 points (up, down, left, right) Manual selection: AF point Expansion surrounding Manual selection: Zone AF (all AF points divided into 9 focusing zones)	Viewing Angle (horizontally/vertically)	Approx. 170° vertically and horizontally
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	Brightness / Colour Adjustment	Manual: Adjustable to one of seven levels
AF Assist Beam	Emitted by built-in LED	Touch-screen operation	Capacitive method with menu functions, Quick Control settings, playback operations, and magnified display. AF point selection in Stills and Movies, touch shutter is possible in still photo shooting.
Manual Focus	Selected on lens Focus peaking provided	Display Options	(1) Basic Camera settings (2) Advanced Camera settings (3) Camera settings plus histogram and dual level display (4) No info (5) Quick Control Screen
		FLASH	
EXPOSURE CONTROL		Modes	E-TTL II Auto Flash, Metered Manual
Metering modes	Real-time with image sensor, 384-zone metering (24x16) (1) Evaluative metering (linked to all AF points) (2) Partial metering (approx. 5.5% of viewfinder at centre) (3) Spot metering: Centre spot metering (approx. 2.7% viewfinder at centre) AF point-linked spot metering not provided (4) centre-weighted average metering	X-sync	1/180sec
Metering Brightness Range	EV -3 to 20 (at 23°C, ISO100, with evaluative metering)	Flash Exposure Compensation	*+/- 3 EV in 1/3 or 1/2 increments with EX series Speedlite flashes
AE Lock	Auto: AE lock takes effect when focus is achieved Manual: By AE lock button in P, Av, Fv, Tv and M modes	Flash Exposure Bracketing	Yes, with compatible External Flash
Exposure Compensation	+/-3 EV in 1/3 or 1/2 stop increments (can be combined with AEB).	Flash Exposure Lock	Yes
AEB	+/-3 EV in 1/3 or 1/2 stop increments	Second Curtain Synchronisation	Yes via Speedlite
Anti-flicker shooting	Yes. Flicker detected at a frequency of 100 Hz or 120 Hz. Maximum continuous shooting speed may decrease	Hot Shoe/PC terminal	Yes/No
ISO Sensitivity^[8]	Auto 100-40000 (in 1/3-stop or whole stop increments) ISO can be expanded to L:50, H1: 51200, H2: 102400,	External Flash Compatibility	E-TTL II with EX series Speedlite, wireless multi-flash support
Type	Electronically-controlled focal-plane shutter	External Flash Control	via camera menu screen
Speed	30-1/4000 sec (1/2 or 1/3 stop increments), Bulb (Total shutter speed range. Available range varies by shooting mode)		
Shutter Release	Soft touch electromagnetic release		

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TECHNICAL SPECIFICATIONS

EOS RP

SHOOTING

Modes

Stills: Scene Intelligent Auto, Special Scene (Portrait, Group Photo, Landscape, Sports, Kids, Panning, Close-up, Food, Night Portrait, Handheld Night Scene, HDR Backlight Control, Silent Mode), Flexible priority AE, Program AE, Shutter priority AE, Aperture priority AE, Manual, Bulb and Custom (C1/C2/C3)
Movie: Auto exposure, Manual, HDR

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
Auto Lighting Optimizer (4 settings)
Long exposure noise reduction
High ISO speed noise reduction (4 settings) (stills and video)
Lens optical correction (3):
Peripheral illumination correction
Chromatic aberration correction
Distortion correction
Diffraction correction
Digital Lens Optimizer (during/after still photo shooting)
Resize to M, S1, S2 [2]
Cropping: JPEG images can be cropped (Aspect ratios 3:2, 4:3, 16:9, 1:1)
* 43 cropping sizes selectable, from 11% to 95% (diagonal)
- Switch between vertical and horizontal cropping orientation
- Image straightening, tilt correction
- Cropping frame can be moved using touch screen operation

RAW image processing [3]

Multiple exposure

HDR

Drive modes

Single, Continuous High, Continuous Low, Self timer (2 s + remote, 10 s + remote, continuous)

Continuous Shooting

Max. approx. 5 fps speed maintained until card full (JPEG) or 50 RAW images [4][5][6]

Max. 4 fps with AF Tracking

Yes

Interval timer

LIVE VIEW MODE

Type

Electronic viewfinder with image sensor

Coverage

Approx. 100% (horizontally and vertically)

Frame Rate

59.97 fps (smooth) / 29.97 fps (power saving)

Focusing

Manual Focus (Magnify the image 5x or 10x at any point on screen)

Autofocus: Dual Pixel CMOS AF (Face Detection and Tracking AF, 1 point AF, Expand AF, Zone AF, and Touch shutter)

Metering

Real-time evaluative metering with image sensor (384-zone)

Partial metering (approx. 5.5% of the centre of the screen)

Spot metering (approx. 2.7% of the centre of the screen)

Centre-weighted average metering

Display Options

3 levels available Basic shooting information, Advanced shooting information and Advanced shooting information with Histogram

FILE TYPE - Stills

Still Image Type

JPEG

RAW: RAW, C-RAW (14-bit, Canon original RAW 3rd edition)

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 simultaneous recording

Yes, any combination of RAW + JPEG possible

Image Size

JPEG:

3:2 ratio (L, RAW, C-RAW) 6240x4160, (M1) 4160x2768, (S1) 3120x2080, (S2) 2400x1600

1.6x (crop) (L) 3888x2592, (S2) 2400x1600

4:3 ratio (L) 5536x4160, (M1) 3680x2768, (S1) 2768x2080, (S2) 2112x1600

16:9 ratio (L) 6240x3504, (M1) 4160x2336, (S1) 3120x1752, (S2) 2400x1344

1:1 ratio (L) 4160x4160, (M1) 2768x2768, (S1) 2080x2080, (S2) 1600x1600

New folders can be manually created and selected

(1) Consecutive numbering

(2) Auto reset

(3) Manual reset

Folders

File Numbering

EOS Movie

Movie Type

RF/EF lenses: 4K, Full HD, HD.

EF-S lenses: 4K or HD

MPEG4 AVC/H.264 variable (average) bit rate,

Audio: Linear PCM, AAC

Movie Size

4K (16:9) 3840 x 2160 (25, 23.98 fps) intra frame [7]

4K Time-lapse (16:9) 3840 x 2160 (29.97, 25 fps) All-I

Full HD (16:9) 1920 x 1080 (59.94, 50, 29.97, 25 fps) intra

frame, intra frame lite (29.97, 25 fps)

Full HD HDR (16:9) 1920 x 1080 (29.97, 25 fps) intra

frame

HD (16:9) 1280 x 720 (59.94, 29.97, 50, 25 fps) intra

frame

HD HDR(16:9) 1280 x 720 (29.97, 25 fps) intra frame

4K / Full HD / HD - YCbCr4:2:0 (8-bit)

Colour Sampling (Internal recording)

No

Canon Log

No

Movie Length

4K and Full HD - Max duration 29min 59sec.

(excluding High Frame Rate movies). No 4GB file limit with exFAT SDXC card.

Not supported

High Frame Rate Movie

4K Frame Grab

8.3-megapixel JPEG still image frame grab from 4K movie possible

Bitrate/Mbps

MP4:

4K (16:9) 3840 x 2160 (25, 23.98 fps) IPB 120Mbps / 869

MB/min

Full HD (59.94p/50.00p)/IPB Approx. 60 Mbps /

440MB/min

Full HD (29.97p/25.00p)/IPB: Approx. 30 Mbps /

225MB/min

Full HD (29.97p/25.00p)/IPB Lite: Approx. 12 Mbps /

87MB/min

HD (59.94p/50.00p)/IPB Approx. 26 Mbps / 196MB/min

Full HD (29.97p/25.00p)/IPB: Approx. 13 Mbps /

103MB/min

Microphone

Built-in stereo microphones (48 kHz, 16-bit x 2 channels)

HDMI Display

Output to external Monitor only with or without information display

HDMI Output

4K (UHD) and Full HD or HD recording, uncompressed YCbCr 4:2:2, 8-bit. Sound output via HDMI is also possible. When outputting to external monitor no images are recorded to the card and Wi-Fi communication is disabled

Focusing

Dual Pixel CMOS AF with Face Detection and Tracking AF, Movie Servo AF, Continuous Eye AF, Manual Focus with focus peaking

ISO

4K - Auto: 100-12800, H2: 102400

Full HD/HD - Auto: 100-25600, H2: 102400

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TECHNICAL SPECIFICATIONS

EOS RP

OTHER FEATURES

Custom Functions	23 Custom Functions
Metadata Tag	User copyright information (can be set in camera) Image rating (0-5 stars)
Water/Dust resistance	Yes
Voice Memo	No
Intelligent Orientation Sensor	Yes
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, Color space and noise reduction, Lens optical correction, Record of sent images, GPS 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, Date, Folder, Movies, Stills, Protected images, Rating) (8) Movie edit (9) RAW processing (10) Rating
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, 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. continuous
Menu Categories	(1) Shooting menu (2) Playback menu (3) Setup menu (4) Custom Functions menu (5) My Menu
Menu Language	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
Firmware Update	Update possible by the user (Camera, Lens, External Speedlite, BLE remote control, Lens adapter)
INTERFACE	
Computer	Equivalent to Hi-Speed USB (USB 2.0) Type-C connector
Wi-Fi	Wireless LAN (IEEE 802.11b/g/n) (2.4 GHz only), with Bluetooth support [8] Features supported: EOS Utility, Smartphone, Upload to Web, Auto transfer, Wireless printing
Other	HDMI mini out (Type C, HDMI-CEC compatible), External Microphone In/Line In (Stereo mini jack), Headphone socket (Stereo mini jack), E3-type terminal (remote control terminal)
DIRECT PRINT	
PictBridge	Yes (Via Wireless LAN only)
STORAGE	
Type	1x SD/SDHC/SDXC and UHS-II

SUPPORTED OPERATING SYSTEM

PC & Macintosh
Windows 7 (excl. Starter Edition) Windows 8.1 and Windows 10 (tablet mode not supported)
OS X v10.11, 10.12, 10.13 and 10.14

SOFTWARE

Image Processing
Digital Photo Professional 4.9 or later (RAW Image Processing)
EOS Utility 3.9 or later (incl. Remote Capture), Picture Style Editor, Map Utility, EOS Lens Registration Tool, EOS Web Service Registration Tool, Canon Camera connect app (iOS/Android)

POWER SOURCE

Batteries
Rechargeable Li-ion Battery LP-E17 (supplied)
Approx. 250 shots (at 23°C)^[9]
Approx. 240 shots (at 0°C)
4 levels + percentage

Battery Indicator
Power turns off after 30 seconds, 1, 3, 5, 10 or 30 mins

Power saving
Battery charger LC-E17E (supplied), AC adapter AC-E6N and DC coupler DR-E18, AC adapter kit ACK-E18, USB Power Adapter PD-E1

ACCESSORIES

Wireless File Transmitter
Not supported

Lenses
All RF lenses (EF & EF-S via Lens adapters)

Lens adapters
Mount Adapter EF-EOS R
Control Ring Mount Adapter EF-EOS R
Drop-In Filter Mount Adapter EF-EOS R with Drop-In Circular Polarizing Filter A
Drop-In Filter Mount Adapter EF-EOS R with Drop-In Variable ND Filter A

Flash
Canon Speedlite (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 Speedlite Transmitter ST-E2, Speedlite Transmitter ST-E3-RT)

Remote Controller/Switch
Remote control with E3 type socket and Speedlite 600EX-II-RT

Other
GPS receiver GP-E2
Extension Grip EG-E1

PHYSICAL SPECIFICATIONS

Body Materials
Magnesium alloy, with some parts of aluminium and polycarbonate resin with glass fibre

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

Dimensions (WxHxD)
132.5 × 85.0 × 70.0 mm

Weight (body only)
Approx. 440 g (485 g with card and battery)

All data is based on Canon standard testing methods except where indicated. Subject to change without notice.

- [1] with 50mm lens at infinity, -1m-1 dpt
- [2] Frame grab images from 4K movies and images shot in S2 quality cannot be resized
- [3] RAW image processing during image Playback only with RAW
- [4] Large/Fine resolution
- [5] Based on Canon's testing conditions, JPEG, ISO 100, Standard Picture Style. Maximum fps and buffer capacity may be reduced depending on the camera settings, light level, subject, memory card brand and capacity, image recording quality, ISO speed, drive mode, Picture Style, Custom functions etc.
- [6] Figures quoted are when used with UHS-II SD memory card
- [7] Recording 4K movies requires a memory card with a UHS-I/UHS speed class of 3 or higher
- [8] Wi-Fi use may be restricted in certain countries or regions
- [9] Based on the CIPA Standards and using the battery supplied with the camera, except where indicated
- [10] Coverage vary depending on the lens used, for full specifications see the list of supported lenses on the Canon support site



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canon-europe.com
English edition
Canon Europa NV 2019

STEP INTO THE CREATIVE WORLD OF EOS R FULL-FRAME

EOS RP

A small, light and intuitive full-frame EOS R series camera for amateur and enthusiast photographers.

Sales Start Date: 27 February 2019



PRODUCT DETAILS:

Product Name	Mercury Code	GTIN Code	Recommended Retail Price
EOS RP BODY + Mount Adapter	3380C040AA	8714574661131	£1,399.99 / €1,629.99
EOS RP RF24-105 L + Mount Adapter	3380C044AA	8714574661292	£2,329.99 / €2,729.99
EXTENSION GRIP EG-E1 BLACK	3484C001AA	4549292133325	£84.99 / €99.99

OPTIONAL ACCESSORIES:

Product Name	Mercury Code	GTIN Code
Battery Pack LP-E17	9967B002AB	4549292020984
USB Power Adapter PD-E1	3250C003AA	4549292125412
LENS RF50 mm F1.2 L USM	2959C005AA	4549292115581
LENS RF24-105 mm F4 L IS USM	2963C005AA	4549292115611
LENS RF28-70 mm F2 L USM	2965C005AA	4549292115642
LENS RF35 mm F1.8 MACRO IS STM	2973C005AA	4549292115727
Mount Adapter EF-EOS R	2971C005AA	4549292115703
Control Ring Mount Adapter EF-EOS R	2972C005AA	4549292115710
Drop-in Filter Mount Adapter EF-EOS R with V-ND Filter A	3443C005AA	4549292141610
Drop-in Filter Mount Adapter EF-EOS R with C-Pol. Filter A	3442C005AA	4549292141603
Drop-in Variable ND Filter A	3446C001AA	4549292141641
Drop-in Clear Filter A	3444C001AA	4549292141627
Drop-in Circular Polarizing Filter A	3445C001AA	4549292141634
Flash Speedlite EL-100	3249C003AA	4549292125450
Flash Speedlite 270EX II	5247B003AA	4960999783246
Flash Speedlite 430EX II	2805B003AB	4960999617947
Flash Speedlite 430EX III-RT	0585C003AA	4549292038262
Flash Speedlite 600EX II-RT	1177C006AA	8714574643281
Camera GPS Receiver GP-E2	6363B001AA	4960999848358

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STEP INTO THE CREATIVE WORLD OF EOS R FULL-FRAME

EOS RP

A small, light and intuitive full-frame EOS R series camera for amateur and enthusiast photographers.



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 RP BODY +MT ADP EU26	3380C023AA	EA	Each	1	28.2	22.5	15.1	1.38
		CT	Carton	6	47.7	47.1	31.4	9.61
		EP	Euro Pallet	36	120	80	109.2	67.7
			Layers per Pallet	3				
			Cartons per Layer	2				
			Products per layer	12				
D.CAM EOS RP RF24-105 L +MT ADP EU26	3380C043AA	EA	Each	1	36.9	22.8	19.7	2.4
		CT	Carton	2	60	40	40	5
		EP	Euro Pallet	16	120	80	95	50.5
			Layers per Pallet	2				
			Cartons per Layer	4				
			Products per layer	8				
EXTENSION GRIP EG-E1 BLACK	3484C001AA	EA	Each	1	8.6	6.1	15.6	0.14
		CT	Carton	24	50.8	27.8	19.3	3.9
		EP	Euro Pallet	720	120	80	111.5	127
			Layers per Pallet	5				
			Cartons per Layer	6				
			Products per layer	144				

What's in the box?

D.CAM EOS RP BODY +MT ADP

- EOS RP Body (Black)
- Camera Cover R-F-5
- Strap ER-EOS RP
- Battery Charger LC-E17E
- Battery Pack LP-E17
- Battery Pack Cover
- AC Cable (EU)
- Mount Adapter EF-EOS R
- Lens Dust Cap RF
- Camera Cover R-F-3
- User Manual Kit

D.CAM EOS RP RF24-105 L +MT ADP

- EOS RP Body (Black)
- Camera Cover R-F-5
- Strap ER-EOS RP
- Battery Charger LC-E17E
- Battery Pack LP-E17
- Battery Pack Cover
- AC Cable (EU)
- Mount Adapter EF-EOS R
- Camera Cover R-F-3
- Lens RF24-105mm F4 L IS USM
- Lens Cap E-77 II
- Lens Hood EW-83N
- Lens Case LP1319
- Lens Dust Cap RF (x2)
- User Manual Kit

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