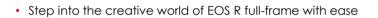# EOS RP

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

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TECHNICAL SPECIFICATIONS

EOS RP

IMAGE SENSOR

Type	35.9 x 24 mm CMOS
Effective Pixels	Approx. 26.2 Megapixels
Total Pixels	Approx. 27.1 Megapixels
Aspect Ratio	'3:2
Low-Pass Filte	Built-in/Fixed
Sensor Cleaning	EOS integrated cleaning system
Colour Filter Type	Primary Colour

IMAGE PROCESSOR

Type	DIGIC 8

LENS

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)
Focal Length	Equivalent to 1.0x the focal length of the lens with RF and EF lenses 1.6x with EF-S

FOCUSING

Type	Phase-difference detection system with image sensor (Dual Pixel CMOS AF)
Coverage	88% horizontal and 100% vertical coverage [10]
AF working range	EV -5 to 18 (at 23°C & ISO100)
AF Modes	One Shot Servo AF
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)
AF Lock	Locked when shutter button is pressed halfway or AF ON is pressed in One Shot AF mode. Using customised button set to AF stop in AI servo
AF Assist Beam	Emitted by built-in LED
Manual Focus	Selected on lens Focus peaking provided

EXPOSURE CONTROL

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
Metering Brightness Range	EV -3 to 20 (at 23°C, ISO100, with evaluative metering)
AE Lock	Auto: AE lock takes effect when focus is achieved Manual: By AE lock button in P, Av, Fv, Tv and M modes
Exposure Compensation	+/-3 EV in 1/3 or 1/2 stop increments (can be combined with AEB).
AEB	+/-3 EV in 1/3 or 1/2 stop increments
Anti-flicker shooting	Yes. Flicker detected at a frequency of 100 Hz or 120 Hz. Maximum continuous shooting speed may decrease
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,
Type	Electronically-controlled focal-plane shutter
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

WHITE BALANCE

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

VIEWFINDER

Type	0.39-inch OLED colour EVF
Dot count	2.36 Million dots
Coverage (Vertical/Horizontal)	Approx. 100%
Magnification	Approx. 0.70x [1]
Eyepoint	Approx. 22 mm (from eyepiece lens centre) '-4 to +1 m-1 (dioptre)
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
Eyepiece shutter	N/A

LCD MONITOR

Type	7.5 cm (3.0") Clear View LCD II, approx. 1.04 Million dots
Coverage	Approx. 100%
Viewing Angle (horizontally/vertically)	Approx. 170° vertically and horizontally
Brightness / Colour Adjustment	Manual: Adjustable to one of seven levels
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.
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

Modes	E-TTL II Auto Flash, Metered Manual
X-sync	1/180 sec
Flash Exposure Compensation	'+/- 3 EV in 1/3 or 1/2 increments with EX series Speedlite flashes
Flash Exposure Bracketing	Yes, with compatible External Flash
Flash Exposure Lock	Yes
Second Curtain Synchronisation	Yes via Speedlite
Hot Shoe/PC terminal	Yes/No
External Flash Compatibility	E-TTL II with EX series Speedlite, wireless multi-flash support
External Flash Control	via camera menu screen

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
Interval timer	Yes
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
Folders	New folders can be manually created and selected
File Numbering	(1) Consecutive numbering (2) Auto reset (3) Manual reset
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
Colour Sampling (Internal recording)	4K / Full HD / HD - YCbCr4:2:0 (8-bit)
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.
High Frame Rate Movie	Not supported
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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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)
Other	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)
Battery life	Approx. 250 shots (at 23°C) [9] Approx. 240 shots (at 0°C)
Battery Indicator	4 levels + percentage
Power saving	Power turns off after 30 seconds, 1, 3, 5, 10 or 30 mins
Power Supply & Battery Chargers	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

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 cameras 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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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
D.CAM EOS RP BODY +MT ADP EU26	3380C023AA	4549292132250
D.CAM EOS RP RF24-105 L +MT ADP EU26	3380C043AA	8714574661285
D.CAM EOS RP + RF24-240 USM EU26	3380C033AA	4549292156218
D.CAM EOS RP + RF 24-105mm F4-7.1 IS STM EU26	3380C133AA	4549292171402
EXTENSION GRIP EG-E1 BLACK	3484C001AA	4549292133325

OPTIONAL ACCESSORIES:

Product Name	Mercury Code	GTIN Code
Power Supply		
Battery Pack LP-E17	9967B002AB	4549292020984
Battery Charger LC-E17E	9969B001AA	4549292021011
USB Power Adapter PD-E1	3250C003AA	4549292125412
Miscellaneous		
[NEW] EXTENSION GRIP EG-E1 BK	3484C001AA	4549292133325
Directional Stereo Microphone DM-E1	1429C001AA	4549292065732
Camera GPS Receiver GP-E2	6363B001AA	4960999848358
Lenses		
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
Lens Dust Cap RF	2962C001AA	4549292115604
Canon EF or EF-S lenses (excluding EF-M lenses) * * Mount Adapter EF-EOS R required	N/A	N/A

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STEP INTO THE CREATIVE WORLD OF EOS R FULL-FRAME

EOS RP

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OPTIONAL ACCESSORIES:

Product Name	Mercury Code	GTIN Code
Adapters EF-EOS R		
Mount Adapter EF-EOS R	2971C005AA	4549292115703
Control Ring Mount Adapter EF-EOS R	2972C005AA	4549292115710
DIF Mount Adapter EF-EOS R With V-Nd Filter	3443C005AA	4549292141610
DIF Mount Adapter EF-EOS R With C-Pl Filter	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
Remote Controller		
Wireless Remote-Control BR-E1	2140C001AA	4549292087864
Remote Switch RS-60 E3	2469A002AA	4960999581354
Timer Remote Controller TC-80N3 (using RA-E3)	2477A004AA	4960999581569
Remote Controller Adapter RA-E3	1157C001AA	4549292058833
Flash related accessories		
Speedlite EL-100	3249C003AA	4549292125450
Speedlite 270EX II	5247B003AA	4960999783246
Speedlite 430EX II	2805B003AB	4960999617947
Speedlite 430EX III-RT	0585C003AA	4549292038262
Speedlite 600EX II-RT	1177C006AA	8714574643281
Speedlite Transmitter ST-E2	2478A004AA	4960999581538
Speedlite Transmitter ST-E3-RT	5743B003AB	4960999810232
Macro Ring Lite MR-14EX II	9389B003AA	4549292007749
Macro Twin Lite MT-26EX-RT	2398C003AA	4549292102895
Cables		
Interface Cable IFC-100U	3224C001AA	4549292124200
Interface Cable IFC-400PCU	9370A001AA	4960999209906
HDMI cable HTC-100	2384B001AA	4960999530383

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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	1.3788
		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 + RF 24-105mm F4-7.1 IS STM EU26	3380C133AA	EA	Each	1	28.2	22.5	18.8	1.771
		CT	Carton	3	58.6	24.4	32.2	6.15
		EP	Euro Pallet	54	120	80	111.6	121
			Layers per Pallet	3				
			Cartons per Layer	6				
			Products per layer	18				

What's in the box?

EOS RP Body + Mount Adapter

- 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)
- Lens Dust Cap RF
- Camera Cover R-F-3
- User Manual Kit

EOS RP Body + RF 24-105mm F4-7.1 IS STM

- EOS RP Body
- Camera Cover R-F-5
- Strap ER-EOS RP
- Battery Charger LC-E17E
- Battery Pack LP-E17(OT)
- Battery Pack Cover
- AC Cable (EU/SK)
- RF 24-105mm F4-7.1 IS STM
- Lens Cap E-67II
- Lens Dust Cap RF
- User Manual Kit

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