

EOS R7

TECHNICAL SPECIFICATIONS



Canon

EOS R7

Creativity Is Calling



CREATIVITY IS CALLING

The EOS R7 boasts superior build quality and a lightweight design. Sharing specifications with our professional model R series cameras, the EOS R7 allows users to experience high performance speed, and high-quality imaging with an APS-C sized sensor.



HIGH-SPEED SHOOTING

The EOS R7 allows you to shoot RAW bursts of up to 30 frames per second with AF tracking, ensuring you never miss a moment when photographing fast moving subjects.



IN BODY IMAGE STABILISATION

The EOS R7 includes 5-axis In Body Image Stabilization, which in conjunction with certain RF lenses, can have up to 8 stops of image stabilisation, allowing you to shoot handheld in dim light or while using slower shutter speeds.



HIGH PERFORMANCE TRACKING

The EOS R7 supports tracking for a wide range of subjects, including humans, animals and vehicles. It automatically responds to dynamically changing scenes, and tracks subjects over the entire screen.



ALL NEW RF-S LENSES

With the introduction of RF-S lenses, the EOS R7 has a wide selection of lens possibilities, including RF lenses, as well as EF and EF-S lenses, when used with an appropriate adapter.



EOS R7 | FEATURES

APS-C SIZE SENSOR

Equipped with a 32.5mp APS-C sized sensor, the EOS R7 is lightweight and great for capturing subjects at a distance.



1.62 MILLION DOT 3.0" VARI-ANGLE LCD

The variable-angle touchscreen LCD monitor makes it easier to shoot from high and low angles.



DIGIC X IMAGE PROCESSOR

DIGIC X provides high-speed processing which allows the EOS R7 to reach maximum RAW shooting speeds of up to 30 fps.



PANORAMIC PHOTO MODE

The R7 features a panoramic photo mode, which stitches multiple images together in camera to create a larger, more detailed image.



MULTI CONTROLLER (AKA AF JOYSTICK)

The multi controller facilitates familiar, quick and intuitive selection and adjustment of the AF frame.



4K MOVIES

Capture up to 4K 60p video, as well as Full HD 120p for cinematic, slow motion movies.



WEATHER SEALING

High-precision build and weather sealing ensures dust and water resistance.



LP-E6NH BATTERY

Powered by a high-capacity LP-E6NH battery to keep you shooting all day.



DUAL CARD SLOTS

Dual card slots allows files to be quickly written to 2 SD UHS II cards.



EOS R7 | SPECIFICATIONS

APPEARANCE AND CAMERA CONTROLS		
Lens mount	RF mount	
LCD panel	TFT colour, liquid-crystal monitor	
Multi-controller	Yes	
Quick control dial	Yes	
Rating button	No	
Depth-of-field preview button	Yes	
PC terminal	No	
IMAGE SENSOR		
Sensor size	APS-C	
Effective pixels (max. approx. megapixels)	32.5mp	
IMAGE PROCESSOR		
	DIGIC X	
STILL PHOTO RECORDING		
HEIF support (in HDR PQ shooting)	Yes	
Focus bracketing (depth compositing)	Yes	
Dual Pixel RAW	Yes	
Maximum burst	RAW	46
	JPEG Large / Fine	184
Possible shots (at 23°C / 73°F, Screen, Smooth)	660	
MOVIE RECORDING		
Movie recording size	4K UHD Fine (29.97, 29.98 / 25.00)	Yes
	4K UHD (59.94, 29.97, 23.98 / 50.00, 25.00)	Yes
	4K UHD Crop (59.94 / 50.00)	Yes
	4K UHD (Time-lapse movie) (29.97 / 25.00)	Yes
	Full HD (119.88, 59.94, 29.97, 23.98 / 100.00, 50.00, 25.00)	Yes
	Full HD (Time-lapse movie) (29.97 / 25.00)	Yes
HDR PQ for movies	Yes	
Time-lapse movies	4K / Full HD	
Canon Log	Bit depth	10 bit (HEIF)
	Exposure control	P / Tv / Av / M
	ISO Auto setting	Yes
	10-bit internal (card) recording	Yes
Built-in microphone	Stereo	

EOS R7 | SPECIFICATIONS (Continued)

IMAGE PROCESSING		
Picture Style		Yes (Default value changed)
Clarity		Yes
VIEWFINDER		
Type		Electronic viewfinder (EVF)
Dot count (approx.)		2.36 million dots
Viewfinder refresh rate (max.)		119.88 fps
Brightness adjustment		Yes
Colour tone adjustment		Yes
Fine-tuning colour tone		Yes
MONITOR		
Dot count (approx.)		1.62 million dots
Screen/viewfinder display (options based on whether screen is open)		Yes
Brightness adjustment		Yes
Colour tone adjustment		Yes
Touch-based menu screen magnified view		Yes
AUTOFOCUS		
AF method	Face+Tracking	Yes
	Spot AF	Yes
	1-point AF	Yes
	Expand AF area (above, below, left and right / around)	Yes
	Expand AF area (around)	Yes
	Flexible Zone AF (max.)	3 x 3, 27 x 21
	Whole area AF (max.)	31 x 21
AF zone	Horizontal: Approx. 100%, Vertical: Approx. 100%	Yes
	Horizontal: Approx. 90%, Vertical: Approx. 100%	Yes
Eye Detection AF		Yes
Number of AF divisions available for automatic selection (max.): Still photos		39 x 21 (651 zones)
AF zone		Horizontal: Approx. 100%, Vertical: Approx. 100%

EOS R7 | SPECIFICATIONS (Continued)

Focusing brightness range *Except RF lenses with a Defocus Smoothing (DS) coating	Still photos (with an f/1.2 lens, centre AF point, One-Shot AF, at 23°C / 73°F, ISO 100)	EV -5 to 20
	Movies (with an f/1.2 lens, centre AF point, One-Shot AF, at 23°C / 73°F, ISO 100, recording Full HD 29.97 / 25.00 fps)	EV -3.5 to 20
Touch & drag AF		Yes
Servo AF characteristics (in still photo shooting)		Yes
Subject tracking settings	Subject to detect	People: Body, Head, Face, Eyes Animals (Dogs, Cats, Birds): Entire body, Face, Eyes Vehicles: Entire vehicle, Specific, Important parts
EXPOSURE CONTROL		
Still photo modes		A+ / Fv / P / Tv / Av / M / B / C1 / C2 / C3 / Creative Filters / SCN
Movie modes		A+ / P / Tv / Av / M / C1 / C2 / C3 / Creative Filters
ISO speed (still photos)	Normal	100–32000
	Expansion for lower speeds (ISO equivalent)	L: 100
	Expansion for faster speeds (ISO equivalent)	H: 51200
ISO speed (normal movies)	Normal	100 to 12800
	Expansion for faster speeds (ISO equivalent)	H: 25600
Metering brightness range	Still photos (at 23°C / 73°F, ISO 100)	EV -2 to 20
	Movies (at 23°C / 73°F, ISO 100)	EV 0 to 20
Zebra display (in movie recording)		Yes
Multiple-exposure simulation		Yes
FLASH		
Continuous shooting priority (CSP) mode		Yes
E-TTL balance		Yes
Continuous flash control		Yes
SHUTTER		
Shutter mode	Mechanical shutter	Yes
	Electronic 1st curtain	Yes
	Electronic shutter	Yes
Shutter speed		1/8000–30 sec. Mechanical: X-sync at 1/250 sec. Elec. 1st-curtain: X-sync at 1/320 sec.

EOS R7 | SPECIFICATIONS (Continued)

CONTINUOUS SHOOTING SPEED		
High-speed continuous shooting + (approx.)	Mechanical shutter	15 fps
	Electronic 1st curtain	15 fps
High-speed continuous shooting (approx.)	Mechanical shutter	6.5 fps
	Electronic 1st curtain	8.0 fps
Low-speed continuous shooting (approx.)	Mechanical shutter	3.0 fps
	Electronic 1st curtain	3.0 fps
High-speed continuous shooting + (approx.)	Electronic shutter	30 fps
High-speed continuous shooting (approx.)	Electronic shutter	15 fps
Low-speed continuous shooting (approx.)	Electronic shutter	3.0 fps
TIMER SHOOTING		
Bulb timer		Yes
Interval timer		Yes
Movie self-timer		Yes
IMAGE STABILIZATION (IS MODE)		
Controlled by lenses		Yes
Controlled by camera		Yes
Co-ordinated control		Yes
IS effectiveness, in number of stops (still photos)	IS-equipped lenses (co-ordinated control)	8.0 stops
Movie digital IS		Yes
Based on focal length (with lenses from which focal length data cannot be acquired)		Yes
IMAGE PROCESSING AFTER SHOOTING		
DPRAW processing in camera (portrait relighting, background clarity)		No
RAW image processing	Adjust face lighting (Auto Lighting Optimizer)	Yes
	Clarity	Yes
HEIF→JPEG conversion		Yes
Voice memo		No
EXTERNAL INTERFACE		
Digital terminal		USB Type-C
Wireless File Transmitter support		No
POWER SOURCE		
Overheat control (for movies)		Yes
USB Power Adapter PD-E1	Charging (camera off)	Yes
	Powering (camera on)	Yes

EOS R7 | SPECIFICATIONS (Continued)

WIRELESS COMMUNICATION	
Bluetooth	Yes
image.canon automatic upload	Yes
2.4GHz Wi-Fi support	Yes
RECORDING MEDIA	
Recording media	SD / SDHC / SDXC
Card slots	2
DIMENSIONS AND WEIGHT	
Dimensions (approx. width x height x depth in mm, based on CIPA standards)	132.0 x 90.4 x 91.7mm
Weight (approx. **g including battery and memory cards)	612 g

Canon

**www.canon.com.au
www.canon.co.nz**