EOS R10

TECHNICAL SPECIFICATIONS

Canon

EOS R10

Upgrade Your Photography

SMALL BUT POWERFUL

The EOS R10 combines high end AF tracking and exceptional speed within a compact and lightweight mirrorless body. Equipped with a 24.2mp APS-C CMOS sensor and an expansive range of creative filters and scenes, the EOS R10 is packed full of features to capture every important moment.

HIGH-SPEED SHOOTING

The EOS R10 allows you to shoot RAW bursts of up to 23 frames per second with AF tracking. In RAW burst shooting mode, the EOS R10 also captures 0.5 seconds of pre-shooting, ensuring that you never miss a moment of action.

4K 60P VIDEO CAPTURE

The EOS R10 captures video at up to 4K 60p with 6K oversampling. You can also shoot cinematic slow-motion in Full HD at 120p, making the R10 a fantastic addition to any content creators kit.

HIGH PERFORMANCE TRACKING

The EOS R10 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 MOUNT SYSTEM

With the introduction of the RF-S mount, the EOS R10 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 R10 | 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)	24.2mp

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	21
	JPEG Large / Fine	123
Possible shots (at 23°C / 73°F, Screen, Smooth)		660

MOVIE RECORDING

Movie recording size	4K UHD Fine (29.97, 29.98 / 25.00)	No
	4K UHD (29.97, 23.98 / 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		Not Supported
Built-in microphone		Stereo

EOS R10 | SPECIFICATIONS (Continued)

IMAGE PROCESSING	
Picture Style	Yes
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.)	1.04 million dots
Screen/viewfinder display (options based on whether screen is open)	Yes
Brightness adjustment	Yes
Colour tone adjustment	No
Touch-based menu screen magnified view	Yes

AUTOFOCUS		
AF method	Face+Tracking	No
	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 19
	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		31 x 21 (651 zones)
AF zone		Horizontal: Approx. 100%, Vertical: Approx. 100%

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 -4 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 / Creative Filters / SCN
Movie modes		A+ / P / Tv / Av / M / C1 / C2 / 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		1/4000–30 sec. Mechanical: X-sync at 1/200 sec. Elec. 1st-curtain: X-sync at 1/250 sec.

CONTINUOUS SHOOTING SPEED		
High-speed continuous shooting + (approx.)	Mechanical shutter	15 fps
	Electronic 1st curtain	15 fps
High-speed continuous shooting (approx.)	Mechanical shutter	6.3 fps
	Electronic 1st curtain	7.7 fps
Low-speed continuous shooting (approx.)	Mechanical shutter	3.0 fps
	Electronic 1st curtain	3.0 fps
High-speed continuous shooting + (approx.)	Electronic shutter	23 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 PROCESSING AFTER SHOOTING		
DPRAW processing in camera (portrait relighting, background clarity)		No
RAW image processing	Adjust face lighting (Auto Lighting Optimizer)	No
	Clarity	Yes
HEIF→JPEG conversion		Yes
Voice memo		No

EXTERNAL INTERFACE	
Digital terminal	USB Type-C
HDMI	Yes - Micro OUT (Type D)
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 R10 | 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	1	
BATTERY LIFE (at temp 23°C, using 50% flash)	Power Saving	Smooth
Viewfinder Shooting	260	210
On-screen Shooting	430	350
DIMENSIONS AND WEIGHT		
Dimensions (approx. width x height x depth in mm, based on CIPA standards)	122.5 x 87.8 x 83.4mm	
Weight (approx. **g including battery and memory cards)	429 g	

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