

# Full Frame Comparison Chart



	EOS R1	EOS R3	EOS R5 Mark II	EOS R5	EOS R6 Mark II	EOS R8
<b>Image Sensor</b>	24.2 MP Back-Illuminated Stacked CMOS	24.1 MP Back-Illuminated Stacked CMOS	45 MP Back-Illuminated Stacked CMOS	45 MP Full Frame CMOS	24.2 MP Full Frame CMOS	24.2 MP Full Frame CMOS
<b>Image Processor</b>	DIGIC Accelerator & DIGIC X	DIGIC X	DIGIC Accelerator & DIGIC X	DIGIC X	DIGIC X	DIGIC X
<b>Lens Mount</b>	RF Mount	RF Mount	RF Mount	RF Mount	RF Mount	RF Mount
<b>ISO Speeds (Stills)</b>	ISO 100 - 102400 (expanded: ISO 409600)	ISO 100 - 25600 (ISO 102400 Expansion)	ISO 100 - 25600 (ISO 51200 Expansion)	ISO 100 - 25600 (ISO 51200 Expansion)	ISO 100 - 102400 (ISO 50 - 204800 Expansion)	ISO 100 - 102400 (ISO 50 - 204800 Expansion)
<b>ISO Speeds (Movies)</b>	ISO 100 - 32000 (expanded: ISO 204800)	ISO 100 - 25600	ISO 100 - 25600 (ISO 512000 Expansion)	ISO 100 - 25600 (ISO 512000 Expansion)	ISO 100 - 25600 (ISO 204800 Expansion)	ISO 100 - 25600 (ISO 102400 Expansion)
<b>Continuous Shooting Speed</b>	12 fps (Mechanical / Electronic 1st Curtain) 40 fps (Electronic)	12 fps (Mechanical / Electronic 1st Curtain) 30 fps (Electronic)	12 fps (Mechanical / Electronic 1st Curtain) 30 fps (Electronic)	12 fps (Mechanical / Electronic 1st Curtain) 20 fps (Electronic)	12 fps (Mechanical / Electronic 1st Curtain) 40 fps (Electronic)	6.0 fps (Electronic 1st Curtain) 40 fps (Electronic)
<b>AF System</b>	Dual Pixel Intelligent AF	Dual Pixel CMOS AF II	Dual Pixel Intelligent AF	Dual Pixel CMOS AF II	Dual Pixel CMOS AF II	Dual Pixel CMOS AF II
<b>Cross-Type AF</b>	Yes	No	No	No	No	No
<b>AF Operation</b>	One-Shot AF Servo AF	One-Shot AF Servo AF	One-Shot AF AI Focus AF Servo AF	One-Shot AF Servo AF	One-Shot AF AI Focus AF Servo AF	One-Shot AF AI Focus AF Servo AF
<b>Dual Pixel AF Coverage Area (H x V)</b>	100% X 100%	100% X 100%	100% X 100%	100% X 100%	100% X 100%	100% X 100%
<b>Subject Detection (People)</b>	Eye /Face /Head /Body /Upper body	Eye /Face /Head /Body	Eye /Face /Head /Body /Upper body	Eye /Face /Head	Eye /Face /Head /Body	Eye /Face /Head
<b>Subject Detection (Animals)</b>	Dogs, Cats, Birds, Horses	Dogs, Cats, Birds	Dogs, Cats, Birds, Horses	Dogs, Cats, Birds	Dogs, Cats, Birds, Horses	Dogs, Cats, Birds, Horses
<b>Subject Detection (Vehicle)</b>	Motorsports/ Cars/ Motorcycle / Aircraft/ Trains	Motorsports/ Cars/ Motorcycle	Motorsports/ Cars/ Motorcycle / Aircraft/ Trains	Motorsports/ Cars/ Motorcycle	Motorsports/ Cars/ Motorcycle / Aircraft/ Trains	Motorsports/ Cars/ Motorcycle / Aircraft/ Trains
<b>Action Priority</b>	Soccer/ Basketball/ Volleyball	N/A	Soccer/ Basketball/ Volleyball	N/A	N/A	N/A
<b>AF Brightness Range (@ f1.2)</b>	EV -7.5 to 21 (Stills) EV -5.5 to 21 (4K) EV -5 to 21 (Full HD)	EV -7.5 to 20 (Stills) EV -4.5 to 20 (Movie)	EV -6.5 to 21 (Stills) EV -4.5 to 21 (8K) EV -3.5 to 21 (4K) EV -4.0 to 21 (Full HD)	EV -6 to 20 (Stills) / EV -3 to 20 (8K) EV -4 to 20 (Full HD / 4K)	EV -6.5 to 21 (Stills) EV -4.0 to 21 (4K) EV -4.5 to 21 (Full HD)	EV -6.5 to 21 (Stills) EV -4.0 to 21 (4K) EV -4.5 to 21 (Full HD)
<b>Shutter Speed</b>	Mechanical / Electronic 1st-Curtain: 1/8000 – 30 sec. Electronic Shutter: 1/64000 – 30 sec.	Mechanical / Electronic 1st-Curtain: 1/8000 – 30 sec. Electronic Shutter: 1/64000 – 30 sec.	Mechanical / Electronic 1st-Curtain: 1/8000 – 30 sec. Electronic Shutter: 1/32000 – 30 sec.	Mechanical / Electronic 1st-Curtain: 1/8000 – 30 sec. Electronic Shutter: 1/8000 – 0.8 sec.	Mechanical / Electronic 1st-Curtain: 1/8000 – 30 sec. Electronic Shutter: 1/16000 – 30 sec.	Electronic 1st-Curtain: 1/4000 – 30 sec. Electronic Shutter: 1/16000 – 30 sec.
<b>Flash Sync Speed</b>	Mechanical Shutter: 1/200 sec. Electronic 1st-Curtain: 1/250   1/320 sec.(Sync Speed Priority) Electronic Shutter: 1/320 sec.   1/400 sec.(Sync Speed Priority)	Mechanical Shutter: 1/200 sec. Electronic 1st-curtain: 1/250 sec. Electronic Shutter: 1/180 sec.	Mechanical Shutter: 1/200 sec. Electronic 1st-Curtain: 1/250 sec.   1/320 sec. (Sync Speed Priority) Electronic Shutter: 1/160 sec.   1/200 sec. (Sync Speed Priority)	Mechanical Shutter: 1/200 sec. Elec. 1st-curtain: 1/250 sec	Mechanical Shutter: 1/200 sec. Electronic 1st-Curtain: 1/250	Mechanical Shutter: 1/200 sec. Electronic 1st-Curtain: 1/200
<b>In-Body Image Stabilization</b>	5-axis IBIS Center: Up to 8.5 Stops / Peripheral: Up to 7.5 Stops	5-axis IBIS Up to 8 Stops	5-axis IBIS Center: Up to 8.5 Stops / Peripheral: Up to 7.5 Stops	5-axis IBIS Up to 8 Stops	5-axis IBIS Up to 8 Stops	N/A
<b>Viewfinder</b>	0.64-inch OLED - approx. 9.44 million dot	0.5-inch OLED – approx. 5.76 million dot	0.5-inch OLED – approx. 5.76 million	0.5-inch OLED – approx. 5.76 million dot	0.5-inch OLED – approx. 3.69 million dot	0.39-inch OLED – approx. 2.36 million dot
<b>Viewfinder Magnification</b>	0.90x	0.76x	0.76x	0.76x	0.76x	0.76x
<b>LCD</b>	3.2-inch 2.1million dots Vari-Angle Touch LCD	3.2-inch 4.15million dots Vari-Angle Touch LCD	3.2-inch 2.1million dots Vari-Angle Touch LCD	3.2-inch 2.1million dots Vari-Angle Touch LCD	3.0-inch 1.62Million Dots Vari-Angle Touch LCD	3.0-inch 1.62Million Dots Vari-Angle Touch LCD
<b>Movie Resolution / Frame Rates (NTSC)</b>	6K RAW: 60p/30p/24p 4K DCI / UHD: 120p/60p/30p/24p 2K DCI / Full HD: 240p/120p/30p/24p	6K RAW: 60p/30p/24p 4K DCI / UHD: 120p/60p/30p/24p Full HD: 240p/120p/30p/24p	8K RAW: 60p (Light RAW)/30p/24p 4K SRAW: 60p/30p/24p 4K DCI / UHD: 120p/60p/30p/24p 2K DCI / Full HD: 240p/120p/60p/30p/24p	8K RAW/ DCI / UHD: 30p / 24p 4K DCI / UHD: 120p / 60p / 30p / 24p Full HD: 120p / 60p / 30p / 24p	4K UHD 60p/30p/24p Full HD 180p/120p/60p/30p/24p	4K UHD 60p/30p/24p Full HD 180p/120p/60p/30p/24p
<b>Recording Format</b>	RAW [Standard/Light]: CRM XF-HEVC S [MPEG-H HEVC / H.265]: MP4 XF-AVC S [MPEG-4 AVC / H.264]: MP4	RAW [Standard/Light]: CRM H.264 / MPEG-4 AVC: MP4 H.265 / HEVC [HDR PQ /Canon Log 3]: MP4	RAW [Standard/Light]: CRM XF-HEVC S [MPEG-H HEVC / H.265]: MP4 XF-AVC S [MPEG-4 AVC / H.264]: MP4	RAW (CRM) / H.265 (Log/ HDR PQ) / H.264	H.264 / MPEG-4 AVC: MP4 H.265 / HEVC [HDR PQ/Canon Log 3]: MP4 6K HDMI RAW Output (Compatible External Recorder Required)	H.264 / MPEG-4 AVC: MP4 H.265 / HEVC [HDR PQ/ Canon Log 3]: MP4
<b>LOG Recording</b>	Canon Log 2/Log 3	Canon Log 3	Canon Log 2/Log 3	Canon Log 2/Log 3	Canon Log 3	Canon Log 3
<b>Still Image Recording Format</b>	JPEG / HEIF / RAW / C-RAW	JPEG / HEIF / RAW / C-RAW	JPEG / HEIF / RAW / C-RAW	JPEG / HEIF / C-RAW / RAW	JPEG / HEIF / RAW / C-RAW	JPEG / HEIF / RAW / C-RAW
<b>Card Slots</b>	Dual Card Slots CFexpress 2.0 & VPG400 Type-B	Dual Card Slots CFexpress 2.0 Type-B / SD (UHS-I/UHS-II)	Dual Card Slots CFexpress 2.0 & VPG400 Type-B / SD (UHS-I/UHS-II)	Dual Card Slots CFexpress VPG400 Type-B / SD(UHS-I/UHS-II)	Dual Card Slots SD (UHS-I/UHS-II)	One Card Slot SD (UHS-I/UHS-II)
<b>Wi-Fi / Bluetooth</b>	Yes (6 GHz/5 GHz/2.4 GHz) / Yes	Yes (5/2.4 GHz)/Yes	Yes (6/5/2.4 GHz)/Yes	Yes (5/2.4 GHz)/Yes	Yes (5/2.4 GHz)/Yes	Yes (2.4 GHz)/Yes
<b>Battery Life (Stills) Approx. (CIPA Standard)</b>	510/700 Shots* (Viewfinder) 1130/1330 Shots* (LCD) *Smooth/Power Saving	440/620 Shots* (Viewfinder) 760/860 Shots* (LCD) *Smooth/Power Saving	250/340 Shots* (Viewfinder) 540/630 Shots* (LCD) *Smooth/Power Saving	220/320 Shots* (Viewfinder) 320/490 Shots* (LCD) *Smooth/Power Saving	320/450 Shots* (Viewfinder) 580/760 Shots* (LCD) *Smooth/Power Saving	150/220 Shots* (Viewfinder) 290/370 Shots* (LCD) *Smooth/Power Saving
<b>Shutter Durability</b>	500,000 Shutter Cycles	500,000 Shutter Cycles	500,000 Shutter Cycles	500,000 Shutter Cycles	400,000 Shutter Cycles	N/A
<b>Dimensions (W x H x D)</b>	157.6 x 149.5 x 87.3 mm 6.20 x 5.89 x 3.44 in	150 x 142.6 x 87.2mm 5.91 x 5.61 x 3.43 in	138.5 x 101.2 x 93.5 mm 5.45 x 3.98 x 3.68 in	138.5 x 97.5 x 88.0 mm 5.45 x 3.84 x 3.46 in	138.4 x 98.4 x 88.4mm 5.45 x 3.87 x 3.48 in	132.5 x 86.1 x 70.0mm 5.22 x 3.39 x 2.76 in
<b>Weight</b>	1115g	1015g	746g	738g	670g	461g
<b>Upscaling</b>	In camera upscaling up to 4x	N/A	In camera upscaling up to 4x	N/A	N/A	N/A

Specifications and availability subject to change without notice. Weight and dimensions are approximate. Not responsible for typographical errors.

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