

# TECHNICAL SPECIFICATIONS

# EOS R7

## IMAGE SENSOR

<b>Type</b>	Approx. 22.3 × 14.8 mm (APS-C) CMOS
<b>Effective Pixels</b>	32.5 MP
<b>Total Pixels</b>	34.4 MP
<b>Aspect Ratio</b>	3:2
<b>Low-Pass Filter</b>	Built-in/Fixed
<b>Sensor Cleaning</b>	EOS integrated cleaning system
<b>Colour Filter Type</b>	Primary Colour
<b>Sensor shift-IS</b>	Yes, up to 8-Stops <sup>1</sup> advantage depending on the lens used 7-stops with the RF-S 18-150mm F3.5-6.3 IS STM

## IMAGE PROCESSOR

<b>Type</b>	DIGIC X
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## LENS

<b>Lens Mount</b>	RF (natively supporting RF and RF-S lenses) <sup>2</sup> EF and EF-S lenses <sup>3</sup> can be attached using Mount Adapter EF-EOS R, EF-EOS R Control Ring Mount Adapter, Drop-in Filter Mount Adapter EF-EOS R EF-M lenses are not compatible
<b>Focal Length</b>	Equivalent to 1.6x the focal length of the lens with RF/RF-S and EF/EF-S lenses
<b>Image Stabilisation</b>	Supported, with combination of Sensor Shift-IS

## FOCUSING

<b>Type</b>	Dual Pixel CMOS AF II
<b>AF System/Points</b>	With Area 100% horizontal and 100% vertical (Auto selection) 90% horizontal and 100% vertical (Manual selection) <sup>4</sup>
<b>AF working range</b>	EV -5 – 20 (at 23°C & ISO100) <sup>5</sup>
<b>AF Modes</b>	One Shot Servo AF Auto Switch (only in A+ mode)
<b>AF Point Selection</b>	Automatic selection: 651 Available AF areas when automatically selected Manual selection: 1-point AF (AF frame size can be changed) 5915 AF positions available stills ( 4823 Movies) Manual selection: AF point Expansion 4 points (up, down, left, right) Manual selection: AF point Expansion surrounding Manual selection: Flexible Zone AF 1-3 (all AF points divided into minimum 9 to 567 maximum focusing zones) Manual selection: Whole Area AF (Entire focusing area with 651 maximum focusing zones)
<b>AF Tracking</b>	Humans (Eyes/Face/Head/Body), Animals (Dogs, Cats and Birds) or Vehicles (Racing cars or Motor bikes)
<b>AF Lock</b>	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
<b>AF Assist Beam</b>	Emitted by built in LED or optional dedicated Speedlite (flash)
<b>Manual Focus</b>	Selected on lens/camera <sup>6</sup>

## EXPOSURE CONTROL

<b>Metering modes</b>	Real-time with image sensor, 384-zone metering. (1) Evaluative metering (linked to All AF points) (2) Partial metering (Approx. 6% of viewfinder at centre) (3) Spot metering: Centre spot metering (Approx. 3% viewfinder at centre) AF point-linked spot metering not provided (4) Centre weighted average metering
<b>Metering Brightness Range</b>	EV -2 – 20 (at 23°C, ISO100, with evaluative metering)
<b>AE Lock</b>	Auto: AE lock takes effect when focus is achieved (AE is locked as soon as subjects are in focus using One-Shot AF when set to [C.Fn 2: AE lock meter. mode after focus].) Manual: By AE lock button in P, Av, Fv, Tv and M modes
<b>Exposure Compensation</b>	+/-3 EV in 1/3 or 1/2 stop increments (can be combined with AEB)
<b>AEB</b>	+/-3 EV in 1/3 or 1/2 stop increments
<b>Anti-flicker shooting</b>	Yes. Flicker detected at a frequency of 100 Hz or 120 Hz. <sup>7</sup>

## ISO Sensitivity

Auto 100-32000 (in 1/3-stop or whole stop increments)  
ISO can be expanded to H: 51200<sup>8</sup>

## SHUTTER

<b>Type</b>	Electronically controlled focal-plane shutter and Electronic shutter function in sensor
<b>Speed</b>	Mechanical: 30-1/8000 sec (1/2 or 1/3 stop increments), Bulb, Electronic: 30-1/16000 (1/2 or 1/3 stop increments up to 1/8000 then 1 stop until 1/16000) (Total shutter speed range. Available range varies by shooting mode)
<b>Shutter Release</b>	Soft-touch electromagnetic release

## WHITE BALANCE

<b>Type</b>	Auto white balance with the imaging sensor AWB (Ambience priority/White priority), Daylight, Shade, Cloudy, Tungsten light, White Fluorescent light, Flash, Custom, Colour Temperature Setting
<b>Settings</b>	White balance compensation: 1. Blue/Amber +/-9 2. Magenta/Green +/-9
<b>Custom White Balance</b>	Yes, 5 setting can be registered +/-3 levels in single level increments
<b>WB Bracketing</b>	3, 2, 5 or 7 bracketed images per shutter release Selectable Blue/Amber bias or Magenta/Green bias

## VIEWFINDER

<b>Type</b>	0.39 inch OLED colour EVF
<b>Dot count</b>	2.36 Million dots (1024x768)
<b>Coverage (Vertical/Horizontal)</b>	Approx. 100%
<b>Magnification</b>	Approx. 1.15x <sup>9</sup>
<b>Eyepoint</b>	Approx. 22mm (At -1 m <sup>-1</sup> from eyepiece lens end)
<b>Dioptr Correction</b>	-4 to +2 m <sup>-1</sup> (dioptr)
<b>Display performance</b>	Power saving: 59.94 fps Smooth 119.98 fps <sup>10</sup>
<b>Viewfinder Information</b>	Accessory attached indicator, AE lock, AEB, AF area, AF method, AF operation, AF point (1-point AF), AF point information, Anti-flicker shooting, Aperture value, Aspect ratio, Audio recording level (manual), Audio recording level indicator (manual), Auto Lighting Optimizer, Battery level, Bluetooth function, Canon Log, Card for recording/playback, Creative filters, Bulb timer, Digital Lens Optimizer, Digital zoom, Drive mode, Electronic level, Electronic shutter, Exposure compensation, Exposure level indicator, Exposure simulation, FE lock, FEB, Flash off, Flash-ready, Focus bracketing, focus distance scale, GPS, Grid, HDR PQ, HDR shooting, Headphone volume, Highlight tone priority, High-speed sync, Histogram (Brightness/RGB), Image Quality, Image Stabilizer (IS mode), Interval timer, ISO speed, Lens information, Magnify button, Maximum burst, Metering mode, Movie recording in progress, Movie recording size, Movie recording time available, Movie recording time available/Elapsed recording time, Movie self-timer, Movie Servo AF, Multi Shot Noise Reduction, Multi Shot Noise Reduction, Multi-function lock warning, Multiple-exposure shooting, No. of remaining shots for focus bracketing, Number of available shots/Sec. until self-timer shoots, Number of remaining multiple exposures, Number of self-timer shooting, Overheat control, Picture Style, Quick Control button, Shooting mode, Shutter speed, Still photo cropping, Subject to detect, Touch Shutter/Create folder, vertical exposure scale, View Assist, White balance, White balance correction, Wi-Fi function, Wi-Fi signal strength
<b>Depth of field preview</b>	Yes, via customised button

## LCD MONITOR

<b>Type</b>	7.5 cm (2.95") TFT colour LCD monitor, Approx. 1.62 million dots
<b>Coverage</b>	Approx. 100%
<b>Viewing Angle horizontally/vertically</b>	Approx. 170° vertically and horizontally
<b>Coating</b>	Anti-smudge.
<b>Brightness Adjustment</b>	Manual: Adjustable to one of seven levels Colour Tone Adjustment: 4 settings
<b>Touch-screen operations</b>	Capacitive method with menu functions, Quick Control settings, playback operations, and magnified display. AF point selection in still and Movies, touch shutter is possible in still photo shooting.

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<b>Display Options</b>	(1) Basic Camera settings (2) Advance Camera settings (3) Camera settings plus histogram and dual level display (4) No info (5) Quick Control Screen (6) Display off	<b>Continuous Shooting</b> <sup>15</sup>	Max. Approx. 15 FPS <sup>13</sup> with Mechanical shutter/1st curtain electronic shutter the speed maintained for 224 JPEG or 51 RAW images Max. Approx. 30 FPS <sup>14</sup> with Electronic shutter the speed maintained for 126 JPEG or 42 RAW images Built in
<b>FLASH</b>		<b>Interval timer</b>	
<b>Modes</b>	E-TTL II Auto Flash, Metered Manual	<b>FILE TYPE - STILLS</b>	RAW 14 bit: RAW and C-RAW (Canon original RAW 3rd edition) JPEG 8 bit: 2 compression options HEIF 10 bit: 2 compression options Complies with Exif 2.31 and Design rule for Camera File system 2.0 Complies with Digital Print Order Format [DPOF] Version 1.1
<b>X-Sync</b>	1/250 sec. mechanical shutter 1/320 sec. electronic 1st curtain Flash photography is not available with Electronic shutter.	<b>Still Image Type</b>	Yes, any combination of RAW + JPEG or RAW + HEIF possible RAW/ C-RAW: 3:2 ratio 6960x4640 JPEG/ HEIF: 3:2 ratio (L) 6960x4640, (M) 4800x3200, (S1) 3472x2320, (S2) 2400x1600 4:3 ratio (L) 6160x4640, (M) 4256x3200, (S1) 3072x2320, (S2) 2112x1600 16:9 ratio (L) 6960x3904, (M) 4800x2688, (S1) 3472x1952, (S2) 2400x1344 1:1 ratio (L) 4640x4640, (M) 3200x3200, (S1) 2320x2320, (S2) 1600x1600
<b>Flash Exposure Compensation</b>	+/- 3EV in 1/3 increments with EX series Speedlite flashes	<b>RAW+JPEG/HEIF simultaneous recording Image Size</b>	
<b>Flash Exposure Bracketing</b>	Yes, with compatible External Flash (+/- 3EV in 1/3- or 1/2-stop increments with EX/EL series Speedlite flashes)	<b>Folders</b>	New folders can be manually created, named and selected
<b>Flash Exposure Lock</b>	Yes	<b>File Numbering</b>	(1) Continuous numbering (2) Auto reset (3) Manual reset 2 User Presets
<b>Second Curtain Synchronisation</b>	Yes, via Speedlite	<b>File naming</b>	
<b>Hof Shoe/PC Terminal</b>	Yes/No	<b>EOS MOVIE</b>	
<b>External Flash Compatibility</b>	E-TTL II with EX/EL series Speedlite, wireless multi-flash support	<b>Movie Type</b>	MP4 Video: 4K UHD, Full HD (16:9) 4K/ Full HD: H.265 / HEVC, Audio: AAC / Linear PCM 4K/ Full HD: H.264 / MPEG-4 AVC, Audio: AAC / Linear PCM
<b>External Flash Control</b>	via camera menu screen	<b>Movie Size</b>	4K UHD Fine <sup>16</sup> (16:9) 3840 x 2160 (29.97, 25, 23.98 fps) inter frame / light inter frame 4K UHD (16:9) 3840 x 2160 (119.9, 100, 59.94, 50, 29.97, 25, 23.98 fps) inter frame / light inter frame 4K UHD Crop (16:9) 3840 x 2160 (59.94, 50 fps) inter frame / light inter frame 4K / Full HD Time-lapse (16:9) 3840 x 2160 / 1920 x 1080 (29.97, 25 fps) intra frame <sup>17</sup> Full HD (16:9) 1920 x 1080 (119.9, 100, 59.94, 50, 29.97, 25, 23.98 fps) inter frame / light inter frame <sup>19</sup> Full HD (16:9) 1920 x 1080 HDR (29.97, 25 fps) inter frame
<b>SHOOTING</b>		<b>Colour Sampling (Internal recording)</b>	4K UHD / Full HD - YCbCr4:2:0 8-bit or YCbCr4:2:2 10bit (when HDR PQ or CLOG3 is ON)
<b>Modes</b>	Stills: Scene Intelligent Auto, 13 Special Scene modes (including Panning/Panoramic Shot), Creative Filters, Flexible priority AE, Program AE, Shutter priority AE, Aperture priority AE, Manual, Bulb and Custom (x3) Movie: Scene Intelligent Auto movies, HDR Movies, Creative Filters, Movie Auto Exposure, Shutter priority AE, Aperture priority AE, Manual, and Custom (x3)		
<b>Picture Styles</b>	Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Defined (x3)		
<b>Colour Space</b>	sRGB and Adobe RGB / Fixed at HDR PQ Highlight Tone Priority (3 settings) Auto Lighting Optimizer (4 settings) Long exposure noise reduction (3 settings) High ISO speed noise reduction (4 settings) (still and video) Clarity (+/- 4) Lens optical correction: - Peripheral illumination correction, Chromatic aberration correction, Distortion correction (during/after still photo shooting, during video only) - Diffraction correction, Digital Lens Optimizer (during/after still photo shooting)		
<b>Image Processing</b>	Resize JPEG / HEIF images to M, S1, S2 Cropping: JPEG / HEIF images can be cropped (Aspect ratios 3:2, 4:3, 16:9, 1:1) Cropping of images - Switch between vertical and horizontal cropping orientation - Image straightening - Cropping frame can be moved using touch screen operation RAW image processing Cloud RAW image processing <sup>11 12</sup> Multiple exposure HDR HEIF to Jpeg conversion		
<b>Drive modes</b>	Single, Continuous High+, Continuous High, Continuous Low, Self-timer (2s+remote, 10s+remote, continuous)		

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<b>Canon Log</b>	Yes, Canon Log 3	<b>Voice Memo</b>	No
<b>Movie Length</b>	Max duration 6 hours <sup>18</sup> (excluding High Frame Rate movies). No 4 GB file limit with exFAT formatted card.	<b>Intelligent Orientation Sensor</b>	Yes
<b>High Frame Rate Movie</b>	Full HD 1920 x 1080 at 100 fps or 119.9 fps Recorded as 1/4-speed slow motion movie. <sup>19</sup>	<b>Playback zoom</b>	1.5x - 10x in 15 steps
<b>Frame Grab</b>	8.3-megapixel JPEG still image frame grab from 4K UHD movie possible (HEIF only possible when HDR PQ is set) <sup>20</sup>	<b>Display Formats</b>	(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, GPS information (3) 4 image index (4) 9 image index (5) 36 image index (6) 100 image index (7) Jump Display (1, 10 or Custom(30) images, start of burst sequence Date, Folder, Movies, Stills, Protected images, Rating) (8) Movie edit (9) RAW processing (10) Rating
<b>Bitrate/Mbps</b>	MOV: MP4 Canon Log: Off, HDR PQ: Off: 4K UHD / 4K UHD(Fine) (29.97p/25.00p/23.98p): IPB Approx. 120 Mbps 4K UHD / 4K UHD(Fine) (29.97p/25.00p/23.98p): IPB Light Approx. 60 Mbps 4K UHD / 4K UHD(crop) (59.94p/50.00p): IPB Approx. 230 Mbps 4K UHD / 4K UHD(crop) (59.94p/50.00p): IPB Light Approx. 120 Mbps 4K UHD Time-lapse (29.97p/25.00p): ALL-I Approx. 470 Mbps Full HD (119.9p / 100p): IPB Approx. 120 Mbps Full HD (119.9p / 100p): IPB Light Approx. 70 Mbps Full HD (59.94p/50.00p): IPB Approx. 60 Mbps Full HD (59.94p/50.00p): IPB light Approx. 35 Mbps Full HD (29.97p/25.00p/23.98p): IPB Approx. 30 Mbps Full HD (29.97p/25.00p/23.98p): IPB Light Approx. 12 Mbps Full HD Time-lapse (29.97p/25.00p): ALL-I Approx. 90 Mbps MOV: MP4 Canon Log: On, or HDR PQ: On 4K UHD / 4K UHD(Fine) (29.97p/25.00p/23.98p): IPB Approx. 170 Mbps 4K UHD / 4K UHD(Fine) (29.97p/25.00p/23.98p): IPB Light Approx. 85 Mbps 4K UHD / 4K UHD(crop) (59.94p/50.00p): IPB Approx. 340 Mbps 4K UHD / 4K UHD(crop) (59.94p/50.00p): IPB Light Approx. 170 Mbps 4K UHD Time-lapse (29.97p/25.00p): ALL-I Approx. 470 Mbps Full HD (119.9p / 100p): IPB Approx. 180 Mbps Full HD (119.9p / 100p): IPB Light Approx. 100 Mbps Full HD (59.94p/50.00p): IPB Approx. 90 Mbps Full HD (59.94p/50.00p): IPB light Approx. 50 Mbps Full HD (29.97p/25.00p/23.98p): IPB Approx. 45 Mbps Full HD (29.97p/25.00p/23.98p): IPB Light Approx. 28 Mbps Full HD Time-lapse (29.97p/25.00p): ALL-I Approx. 135 Mbps	<b>Slide Show</b>	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
<b>Dual card recording</b>	Yes	<b>Histogram</b>	Brightness: Yes RGB: Yes
<b>Microphone</b>	Built-in stereo microphone (48 Khz, 16-bit x 2 channels)	<b>Highlight Alert</b>	Yes
<b>HDMI Display</b>	Output to external monitor only (output of images and shooting information, images/video are recorded to the card) Camera screen and External Monitor output (Recording to camera is not possible, use with external recorder, camera screen shows images with shooting information)	<b>Image Erase</b>	Single image, select range, Selected images, Folder, Card
<b>HDMI Output</b>	Auto: - 4K (UHD) 59.94p / 50.00p/29.97p / 25.00p/23.98p, - 1080 59.94p / 59.94i, 50.00p / 50.00i - 480 59.94p - 576 50p 1080p: - 1080 59.94p / 59.94i, 50.00p / 50.00i - 480 59.94p - 576 50p Uncompressed YCbCr 4:2:0, 8-bit or when HDR PQ or CLOG3 is enabled YCbCr 4:2:2, 10-bit, sound output via HDMI is also possible	<b>Image Erase Protection</b>	Erase protection of Single image, Folder or Card all found images (only during image search) 2 or 10 sec.
<b>Focusing</b>	Dual Pixel CMOS AF II with Eye/Face Detection and Tracking AF (people, animals and vehicles), Movie Servo AF, Manual Focus	<b>Self Timer</b>	(1) Shooting menu (2) AF Menu (3) Playback menu (4) Network (5) Setup menu (6) Custom Functions menu (7) My Menu
<b>ISO</b>	Auto: 100-12800, H: 25600 Manual: 100-12800, H: 16000-25600 <sup>21</sup>	<b>Menu Categories</b>	(1) Shooting menu (2) AF Menu (3) Playback menu (4) Network (5) Setup menu (6) Custom Functions menu (7) My Menu
<b>OTHER FEATURES</b>		<b>Menu Languages</b>	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
<b>Custom Functions</b>	19 custom functions + button and dial customisations	<b>Firmware Update</b>	Update possible by the user (Camera, Lens, External Speedlite, BLE remote control, Lens adapter, multi-function shoe accessories)
<b>Metadata Tag</b>	User copyright information (can be set in camera)	<b>INTERFACE</b>	
<b>LCD Panel/Illumination</b>	No	<b>Computer</b>	SuperSpeed Plus USB 3.2 Gen 2 USB Type-C connector also used for computer communication / smartphone communication / USB power.
<b>Water/Dust resistance</b>	Yes <sup>22</sup>	<b>Wi-Fi<sup>23</sup></b>	Wireless LAN (IEEE802.11b/g/n) [2.4 GHz], with Bluetooth 4.2 support Features supported - EOS Utility, Smartphone, Upload to image.canon, Wireless printing
		<b>Other</b>	HDMI Micro out (Type D, HDMI-CEC not supported) External Microphone In (3.5mm Stereo mini jack) Headphone socket (3.5mm Stereo mini jack) RS-60E3-type terminal (remote control terminal)
		<b>DIRECT PRINT</b>	
		<b>Canon Printers</b>	Canon Compact Photo Printers and PIXMA Printers supporting PictBridge via wireless LAN
		<b>PictBridge</b>	Yes (via Wireless LAN)
		<b>STORAGE</b>	
		<b>Type</b>	2x SD/SDHC/SDXC and UHS-II <sup>24</sup>
		<b>SUPPORTED OPERATING SYSTEM</b>	
		<b>PC &amp; Macintosh</b>	Windows 8.1 and Windows 10 (tablet mode not supported) OS X v10.12, 10.13, 10.14, 10.15, OS 11

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# TECHNICAL SPECIFICATIONS

# EOS R7

## SOFTWARE

### Image Processing

Digital Photo Professional 4.16.10 or later  
Digital Photo Professional Express mobile app (iOS only)

### Other

EOS Utility 3 (incl. Remote Capture), Picture Style Editor, EOS Lens Registration Tool, Canon Camera connect app (iOS/Android)

## POWER SOURCE

### Batteries

Rechargeable Li-ion Battery LP-E6NH (supplied), LP-E6N, LP-E6<sup>25</sup>

### Battery life

With LCD Approx. 770 shots (at 23°C)<sup>26</sup>  
With Viewfinder Approx. 500 shots (at 23°C)<sup>26</sup>

### Battery Indicator

6 levels + percentage

### Power saving

Screen dimmer: 5 sec. / 10 sec. / 15 sec. / 20 sec. / 25 sec. / 30 sec. / Disable  
Screen off: 5 sec. / 15 sec. / 30 sec. / 1 min. / 3 min. / 5 min. / 10 min. / 30 min. / Disable  
Auto power off: 15 sec. / 30 sec. / 1 min. / 3 min. / 5 min. / 10 min. / 30 min. / Disable  
Viewfinder off: 1 min. / 3 min. / Disable<sup>27</sup>

### Power Supply & Battery Chargers

Battery charger LC-E6E (supplied), AC Adapter AC-E6N and DC Coupler DR-E6, PD-E1 USB power adapter

## ACCESSORIES

### Wireless File Transmitter

None

### Cases / Straps

An included strap, Hand Strap E2

### Lenses

All RF and RF-S lenses (EF & EF-S via Lens adapters)<sup>2</sup>

### Lens adapters

Mount Adapter EF-EOS R, EF-EOS R Control Ring Mount Adapter, Drop-in Filter Mount Adapter EF-EOS R

### Flash

Canon Speedlite (EL-1<sup>28</sup>, EL-100, 90EX, 220EX, 270EX, 270EX II, 320EX, 380EX, 420EX, 430EX, 430EX II, 430EX III 470EX-A), 550EX, 580EX<sup>28</sup>, 580EX II<sup>28</sup>, 600EX<sup>28</sup>, 600EX-R<sup>28</sup>, 600EX-II-R<sup>28</sup>, Macro-Ring-Lite MR-14EX, Macro Ring Lite MR-14EX II, Macro Twin Lite MT-24EX, Macro Twin Lite MT-26EX-R, Speedlite Transmitter ST-E2, Speedlite Transmitter ST-E3-R<sup>28</sup>, Speedlite Transmitter ST-E3-RT V2<sup>28</sup>, Speedlite Transmitter ST-E10, Off-Camera Shoe Cord OC-E3<sup>28</sup>)

### Remote Controller/Switch

RS-60E3-type terminal (remote control terminal), Timer Remote Controller TC-80N3<sup>27</sup>, Wireless Remote Control BR-E1, Infrared Remote Controller RC-6, Smartphone(Using Canon Camera Connect app)

### Other

Shoe cover(Included), Multi-Function Shoe Adapter AD-E1, Multi-Function Shoe Directional Stereo Microphone DM-E1D, Multi-Function Shoe Adapter for Smartphone Link AD-P1 for Android, Stereo Microphone DM-E1 / DM-E100, GPS Receiver GP-E2<sup>30</sup>, Tripod grip HG-100TBR<sup>31</sup>, Interface Cable IFC-100U, Interface Cable IFC-400U, Protecting Cloth PC-E1 / E2

## PHYSICAL SPECIFICATIONS

### Body Materials

Primarily consists of a magnesium alloy and high-strength engineering plastic

### Operating Environment

0 – 40 °C, 85% or less humidity

### Dimensions (WxHxD)

Approx. 132.0 x 90.4 x 91.7 mm

### Weight (body only)

Approx. 530 g (612g with card and battery, Based on CIPA guidelines.)

## Disclaimers:

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## Footnotes:

- (1) Yaw/Pitch direction, based on the CIPA standard, 8.0 stops with RF 24-105mm F4 L IS USM at a focal distance of 105mm. Depending on the time of purchase, the lens firmware needs to be updated. For details on supported lenses, refer to Supplemental Information of EOS R7 on the website "cam.start.canon".
- (2) The operation of the RF 5.2 mm F 2.8 L DUAL FISHEYE is not guaranteed.
- (3) Operation of EF Cinema Lens is not guaranteed. Operation of the mount adapter EF-EOS R 0.71 X (sold separately) is not guaranteed.
- (4) Applicable when subject frame is shown while tracking and a compatible lens is attached to the camera while the full-range AF is active or the subject is detected successfully in another area mode. For details on supported lenses, refer to [Supplemental Information] for EOS R7 in "cam.start.canon".
- (5) During still photo shooting, with an f/1.2 lens, Centre AF point, One-Shot AF, at 23°C/73°F, ISO100. Excluding RF lenses with Defocus Smoothing coating.
- (6) Camera features a manual focus switch therefore MF can be selected on lens/camera. Depending on the lens attached. When RF lenses without a focus mode switch are attached manual focus is selected on the camera. When RF/EF lenses with a focus mode switch are attached the setting on the lens takes precedence, so the setting of the camera's focus mode switch has no effect.
- (7) Only available for mechanical shutter. Maximum continuous shooting speed may decrease. High Frequency anti flicker shooting is not supported.
- (8) ISO is limited to ISO 200-32000 when [Highlight tone priority] is configured. Expanded ISO speeds cannot be set in HDR mode or for HDR shooting (HDR PQ).
- (9) With 3:2 display, an RF 50mm F1.2 L USM lens at infinity, -1 m-1
- (10) The maximum frame rate during AF, half-press of the shutter button, or continuous shooting is 59.94 fps. Note that the display frame rate may be lower depending on the lens you are using and shooting conditions.
- (11) Service will be launched in late July 2022 and camera firmware update will be required.
- (12) RAW images taken in RAW burst mode cannot be developed. Cloud RAW image processing is a paid service. Purchase of a plan through Canon Imaging App Service Plans is necessary. For more details please visit: <https://sas.image.canon/>
- (13) Continuous shooting speed may be slower depending on subject/shooting conditions or the battery type/condition or the camera setup or the lens used, etc.. Refer to Advanced User Guide for details. For information on lenses that support the maximum continuous shooting speed with servo AF, refer to Supplemental Information of EOS R7 on the website "cam.start.canon".
- (14) Continuous shooting speed may be slower depending on subject/shooting conditions or the camera setup or the lens used, etc.. Refer to Advanced User Guide for details. For information on lenses that support the maximum continuous shooting speed with servo AF, refer to Supplemental Information of EOS R7 on the website "cam.start.canon". Depending on the nature of subject or shooting conditions, rolling shutter image distortion may occur.
- (15) Under Canon testing standards with 32GB UHS-II card (during One-Shot AF, ISO 100, Standard Picture Style) Number of images depends on various settings and lens used. For details on supported lenses, refer to "cam.start.canon"
- (16) Generated from 7K oversampling.
- (17) Playback frame rate: sound is not recorded  
Audio compression is restricted to [AAC] in Basic Zone modes.  
Only [AAC] is available for audio compression of IPB (Light).
- (18) Max. movie continuous recording time available:  
Normal: 6 hr. High Frame Rate movie (Full HD 120/100fps): 90 min.  
If the camera's internal temperature becomes too high the recording time may reduce.  
4K 30p HQ: Approx. 60 min. if starting from +23°C.  
4K 60p Crop: Approx. 60 min. if starting from +23°C.
- (19) In High frame Rate Movie mode sound is not recorded
- (20) Movies enabling extraction: 4K Fine / 4K / 4K Crop  
Extracted still photos cannot be resized or cropped within the camera.
- (21) The default setting range when set to Canon Log 3 is L and ISO 800-12800
- (22) Although the camera is designed to be dustproof and moisture-proof, it cannot guarantee complete exclusion of dust, dirt, water, salt, etc. from entry. To ensure the camera's dustproof and moisture-proof performance, tightly close opening/closing parts such as terminal cover, battery compartment lid, and card slot cover. Also, attach shoe cover to multi-accessory shoe. When using a conventional accessory equipped with a dustproof, moisture-proof adapter, multi-accessory shoe adapter AD-E1 is required.
- (23) Wi-Fi use may be restricted in certain countries or regions
- (24) UHS-II high speed cards are recommended for 4K video recording and high speed continuous shooting
- (25) With LP-E6NH / LP-E6N, charging over USB is supported. With LP-E6 or unauthenticated batteries, charging over USB is not supported. Batteries may not be charged unless the remaining battery level is low.
- (26) Based on the CIPA Standard and using the battery supplied with the camera, except where indicated. In power saving mode
- (27) If the camera remains idle until the specified time elapses, the screen is dimmed and lower video frame rates are used. [Power off] and [Screen off] can be assigned to buttons using button customization.
- (28) Must use Multi-Function Shoe Adapter AD-E1 to retain weather sealing
- (29) Requires Remote Controller Adapter RA-E3.
- (30) Digital compass not supported. Cannot be connected using an interface cable. Requires Multi-Function Shoe Adapter AD-E1.
- (31) Note that total camera mount load capacity for camera, lens, microphone, and other accessories should not exceed 1 kg / 35.3 oz. When using an external microphone, depending on the lens used, the sound may be interrupted by the lens and then the sound may not be properly collected.

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