

# EOS R5 Mark II MASTER THE MOMENT



For photographers and filmmakers of all genres, the EOS R5 Mark II is a camera that empowers you to shoot your most creative work yet.

**45** MEGA  
PIXELS  
CMOS

45 megapixel stacked sensor

Up to  
**30**  
Frames  
Per Sec

30 fps max shooting speed

Dual Pixel  
Intelligent

**AF**

Dual Pixel Intelligent AF

**60p**  
8K RAW

8K RAW video up to 60p

**DiGiC**  
Accelerator

DIGIC Accelerator + DIGIC X

  
Action priority

Action Priority mode





### DIGIC Accelerator meets DIGIC X for exceptional performance

EOS R5 Mark II's Dual Pixel Intelligent AF and Eye Control AF set new standards. Sharp focus is maintained on moving subjects, even when briefly obscured from view. Action Priority mode detects players in football, basketball and volleyball, moving the active AF area in response to specific actions – such as a shot on goal made from a high-speed pass.

### Where speed meets resolution

Whatever the story, the EOS R5 Mark II speaks your language. Shoot incredible 45-megapixel photos at 30fps speed and 15-frame Pre-Capture, or capture sumptuous 8K 60p RAW video that truly impresses. Whatever your needs, the EOS R5 Mark II unlocks new ways to be creative.

### Switch to hybrid

Use the full width of the EOS R5 Mark II's sensor to shoot sensational 8K footage – rich in detail and crop-friendly during editing. 8K 60p Light RAW portrays moving subjects with silky smooth motion. 14-bit colour depth offers fine gradation and wide dynamic range. With EOS R5 Mark II's Dual Shooting function, you can simultaneously capture 33.2-megapixel (16:9) photos at 7.5fps while also shooting Full HD video



### When the pressure is on, get connected fast

Get your photos and video back to your client more quickly and reliably than ever, whether you're connected wirelessly with Wi-Fi 6E<sup>1</sup> or tethered via USB. Choose an optional battery grip to connect via 2.5G BASE-T Ethernet.

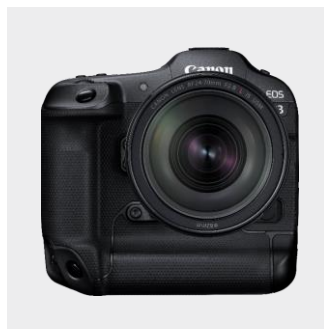
### Powerful performance built on advanced technology

The EOS R5 Mark II is brimming with advanced technologies, including our revolutionary RF lens mount, that empowers you to be more creative. An up to 8.5-stop Image Stabilizer lets you shoot hand held with slow shutter speeds, while customisable controls let you set up the camera to suit the scene and your shooting style. All this from an agile, robust design that inspires creativity from the moment you hold it.

### PRODUCT RANGE



EOS R1



EOS R3



EOS R5 Mark II



1 Depending on the country of purchase

## IMAGE SENSOR

<b>Type</b>	36 x 24 mm Full Frame back-illuminated stacked CMOS sensor
<b>Effective Pixels</b>	Approx. 45 megapixels
<b>Total Pixels</b>	Approx. 50.3 megapixels
<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>	RGB Primary Colour
<b>Sensor Shift-IS</b>	Yes, up to 8.5-Stops advantage at the center and 7.5-stops peripheral depending on the lens used <sup>1</sup>

## IMAGE PROCESSOR

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

<b>Lens Mount</b>	RF / RF-S EF and EF-S lenses can be attached using: Mount Adapter EF-EOS R Control Ring Mount Adapter EF-EOS R, Drop-In Filter Mount Adapter EF-EOS R EF-M lenses are not compatible
<b>Focal Length</b>	Equivalent to 1.0x the focal length of the lens with RF and EF lenses, 1.6x with EF-S and RF-S lenses.

## Image Stabilisation

## FOCUSING

<b>Type</b>	Dual Pixel Intelligent AF
<b>AF System/Points</b>	100% horizontal and 100% vertical with Face + Tracking and Auto Selection modes <sup>2</sup> 100% horizontal and 90% vertical with manual selection and large zone modes
<b>AF Working Range</b>	EV -6.5 – 21 (at 23°C & ISO100) <sup>3</sup>
<b>AF Modes</b>	One Shot, Servo AF, AI Focus AF (in A+ Scene Intelligent Auto mode)

## AF Methods

<b>AF Point Selection</b>	Automatic selection: Face + tracking, 1053 Available AF areas when automatically selected Manual selection: Spot AF Manual selection: 1-point AF (AF frame size can be changed) 5850 (stills) / (4500) movie AF positions available 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 999 maximum focusing zones, where the width and height is also adjustable) Manual selection: Whole area AF Manual selection: Spot AF (Whole area tracking servo AF OFF) Manual selection: 1-point AF (Whole area tracking servo AF OFF) Manual selection: AF point Expansion 4 points (up, down, left, right) (Whole area tracking servo AF OFF) Manual selection: AF point Expansion surrounding (Whole area tracking servo AF OFF)
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## AF Tracking

	Humans (Eyes, Face, Head, Upper half of body, Body), Animals (Dogs, Cats, Birds and Horses) or Vehicles (Racing cars or Motor bikes, Airplanes and Trains), Register People Priority (up to 10 x 10 registered people), Action Priority <sup>4</sup> (Football, Basketball, Volleyball) Supported actions: - Soccer: Shoot, header, short pass, long pass, dribble, clear, place kick, save by keeper, throw in, sliding tackle - Basketball: Shoot, rebound, pass, dribble, free throw, jump ball - Volleyball: Spike, toss, receive, serve
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## 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
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## AF Assist Beam

	Emitted by built-in LED or optional dedicated Speedlite (flash)
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## Manual Focus

	Selected on lens
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## Focus Bracketing

## AF Microadjustment

## EXPOSURE CONTROL

<b>Metering Modes</b>	Real-time with image sensor, 6144-zone metering. (1) Evaluative metering (linked to All AF points) (2) Partial metering (Approx. 9.5% of screen at centre) (3) Spot metering: Centre spot metering (Approx. 5.3% screen at centre) AF point-linked spot metering not provided (4) Centre weighted average metering
<b>Metering Brightness Range</b>	EV -3 – 20 (at 23°C, ISO100, with evaluative metering)
<b>AE Lock</b>	Auto: AE lock takes effect when focus is achieved 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

## Anti-Flicker Shooting

	Yes. Flicker detected at a frequency of 100 Hz or 120 Hz. Maximum continuous shooting speed may decrease available with both electronic and mechanical shutter High Frequency anti flicker shooting for M and TV modes Electronic 1st-curtain: 1/50.0 to 1/2048.0 sec. Electronic shutter: 1/50.0 to 1/8192.0 sec. Movie recording: 1/50.0 to 1/8192.0 sec. (NTSC/PAL) Maximum continuous shooting speed may decrease. Auto 100-51200 (in 1/3-stop or 1 stop increments) ISO can be expanded to L:50, H1:102400 <sup>5</sup>
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## ISO Sensitivity

## SHUTTER

<b>Type</b>	Electronically-controlled focal-plane shutter and Electronic shutter function on sensor
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## Electronic Shutter Type

<b>Speed</b>	30-1/8000 sec (1/2 or 1/3 stop increments), Bulb (Total shutter speed range. Available range varies by shooting mode)
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## Shutter Release

	Soft touch electromagnetic release
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## WHITE BALANCE

<b>Type</b>	Auto white balance with the imaging sensor supported by deep learning technology 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
<b>Settings</b>	

## Shift

<b>Custom White Balance</b>	Yes, 5 setting can be registered
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<b>WB Bracketing</b>	+/-3 levels in single level increments 3, 2, 5 or 7 bracketed images per shutter release Selectable Blue/Amber bias or Magenta/Green bias
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## VIEWFINDER

<b>Type</b>	0.5-inch OLED colour EVF
<b>EVF Refresh Rate</b>	
<b>Dot Count</b>	5.76 Million dots (1600x1200)
<b>Coverage (Vertical/Horizontal)</b>	Approx. 100%
<b>Magnification</b>	Approx. 0.76x <sup>6</sup>
<b>Eyepoint</b>	Approx. 24mm (from eyepiece lens centre)
<b>Dioptre Correction</b>	-4 to +2 m-1 (dioptre)
<b>Brightness</b>	
<b>Exposure Simulation</b>	
<b>Display Settings</b>	
<b>Display performance</b>	Power saving: 59.94 fps Smooth 119.98 fps, suppress low frame rate 60 -119.8fps <sup>7</sup> (7 level of brightness)

## Sensor

## Vertical Display Viewfinder Information

	AF point information, Eye Control pointer, Exposure level indicator, Shooting mode, ISO speed, Shutter speed, Aperture, Number of remaining multiple exposures, Exposure compensation, HDR shooting, Highlight tone priority, Multiple-exposure shooting, Multi Shot Noise Reduction, Number of self-timer shooting, Digital Lens Optimizer, Maximum burst, AF method, Battery level, Electronic level size, Card free space (%) display, AF operation, Exposure simulation, Drive mode, AEB, Metering mode, FEB, Anti-flicker shooting, Still photo cropping, Aspect ratio, 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, Wi-Fi function, Multi-function lock warning, Histogram, Electronic level, Lens information, focus distance scale, vertical exposure scale, Grid, Yes, via customised button
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## Depth of Field Preview

## Eyepiece Shutter

## LCD MONITOR

<b>Type</b>	8.0 cm (3.2") TFT colour LCD, Approx. 2.1 million dots
<b>Coverage</b>	Approx. 100%
<b>Viewing Angle</b>	Approx. 170° vertically and horizontally

## Horizontally/Vertically Coating

## Brightness Adjustment

	Anti-smudge. Manual: Adjustable to one of seven levels Colour Tone Adjustment: 4 settings
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## Touch-Screen Operations

	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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## Display Options

	(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) Off
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## FLASH

**Built-in Flash GN (ISO 100, meters)**

**Built-in Flash Coverage**

**Built-in Flash Recycle Time**

**Modes**

E-TTL II flash metering, Manual flash, MULTI flash (stroboscopic), Auto external flash metering, Manual external flash metering

**Red-Eye Reduction**

**X-Sync**

When [Cropping/aspect ratio: Full-frame/1.1:1.4:3/16:9] is set: 1/200 sec mechanical shutter / 1/250 electronic 1st curtain, 1/160 sec Electronic shutter

When [Cropping/aspect ratio: 1.6x (crop)] is set: 1/250 sec mechanical shutter / 1/320 electronic 1st curtain, 1/250 sec Electronic shutter<sup>8</sup>

**Flash Exposure Compensation**

\*+/- 3EV in 1/3 increments with EX and EL series Speedlite flashes

**Flash Exposure Bracketing**

\*+/- 3EV in 1/3 increments with EX and EL series Speedlite flashes

**Flash Exposure Lock**

Yes

**Second Curtain Synchronisation**

Yes, via Speedlite

**Hot Shoe/PC Terminal**

Yes/Yes and Multi-function shoe

**External Flash Compatibility**

EL series Speedlites, EX series Speedlites, Macroflites, Wireless multi-flash support

**External Flash Control**

via camera menu screen

## SHOOTING

**Modes**

Stills; Flexible priority AE, Program AE, Shutter priority AE, Aperture priority AE, Manual, Bulb and Custom (x3)  
Movie: Program AE, Shutter priority AE, Aperture priority AE, Manual, and Custom (x3)

**Special Scene Modes**

**Creative Filters**

**Picture Styles**

Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Defined (x3)

**Colour Space**

SDR: sRGB and Adobe RGB HDR PQ: BT.2020

Highlight Tone Priority (3 settings)

Auto Lighting Optimizer (4 settings)

Long exposure noise reduction (3 settings) (still only)

Clarity

High ISO speed noise reduction (4 settings) (still and video)

Lens optical correction:

- Peripheral illumination correction, Chromatic aberration correction Distortion correction (during/after still photo shooting, during video only)

- Focus breathing correction(during video only)

- Diffraction correction,

- Digital Lens Optimizer (during/after still photo shooting)

Resize to M, S1, S2

Cropping: JPEG 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

- Neural Network Upscaling

RAW image processing

Neural Network Noise Reduction

Multiple exposure

HDR

HEIF to Jpeg conversion (inc Batch conversion)

Focus Bracketing and in camera composition

**Drive Modes**

Single, Continuous High+, Continuous High, Continuous Low, Customisable Continuous shooting speeds, Self-timer (2s+remote, 10s+remote, continuous)

**Continuous Shooting**

Max. Approx. 12 fps. with Mechanical shutter/1st curtain

electronic speed maintained for 760 JPEG or

230/95(CFexpress/SD card) RAW images or 30 FPS with

electronic shutter speed maintained for 200 JPEG or

93/86(CFexpress/SD card) RAW images<sup>9</sup>

Custom Continuous shooting speed with Electronic shutter

selectable options 30 / 20 / 15 / 12 / 10 / 7.5 / 5 / 3 / 2 / 1

FPS depending on the drive mode.

Pre-Continuous shooting is possible from 15 shots before

the shutter button is fully pressed when the AF is on for 15

shots or more.

**Maximum Burst**

**Intervalometer**

**Interval Timer**

Built in

## FILE TYPE - STILLS

**Still Image Type**

RAW 14 bit: RAW and C-RAW (Canon original RAW 3rd edition)

JPEG 8 bit: 10 compression options

HEIF 10 bit: 10 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

Yes, any combination of RAW + JPEG or RAW + HEIF possible

RAW/ C-RAW:

3:2 ratio 8192x5464, 1.6x (crop) 5088x3392

JPEG/ HEIF:

3:2 ratio (L, RAW, C-RAW) 8192x5464, (M) 6000x4000,

(S1) 4176x2784, (S2) 2400x1600

1.6x (crop) (L) 5088x3392, (S2) 2400x1600

4:3 ratio (L) 7280x5464, (M) 5328x4000, (S1) 3712x2784,

(S2) 2112x1600

16:9 ratio (L) 8192x4608, (M) 6000x3368, (S1) 4176x2344,

(S2) 2400x1344

1:1 ratio (L) 5456x5456, (M) 4000x4000, (S1) 2784x2784,

(S2) 1600x1600

In-camera Neural Network Upscaling up to 16384x10928

(179MP)<sup>10</sup>

**RAW+JPEG/HEIF**

**Simultaneous Recording**

**Image Size**

**Folders**

New folders can be manually created, named and selected  
Movie folder structure is adopting the XF-HEVC S / XF-AVC S format

**File Numbering**

(1) Consecutive numbering

(2) Auto-reset

(3) Manual reset

**File Naming**

**Still:**

Preset code Unique 4-digit character string + 4-digit file

number

2 User Presets

**Movie:**

Adopting the XF-HEVC S / XF-AVC S format

Camera index, Reel number, Clip number, Codec type,

Shooting start date, Shooting start time, Random ID, User

defined 5 characters, Stream number, (Proxy)

**EOS MOVIE**

**Movie Type**

RAW/SRAW Video: 8K DCI(17:9) / 4K DCI(17:9)<sup>11</sup>

MP4 Video: 8K DCI/UHD (17:9/16:9) 4K DCI/UHD

(17:9/16:9), 2K/Full HD (17:9/16:9)

8K/4K/2K/Full HD: XF-HEVC S/H.265, Audio: Linear PCM

/ AAC

4K/2K/Full HD: MPEG-4 AVC S/H.264, Audio: Linear PCM

/ AAC

8K RAW 4K RAW: 12bit CRM Audio: Linear PCM / AAC

8K/4K/FullHD Time-lapse movie mode

RAW (Light) (17:9) 8192 x 4320 (59.94, 50, 29.97, 25, 24,

23.98 fps)

RAW (Standard) (17:9) 8192 x 4320 (29.97, 25, 24, 23.98

fps)

SRAW (Standard, Light) (17:9) 4096 x 2160 (59.94, 50,

29.97, 25, 24, 23.98 fps)

8K DCI (17:9) 8192 x 4320 (29.97, 25, 24, 23.98 fps) 2-3

type of intra or Long GOP

8K UHD (16:9) 7680 x 4320 (29.97, 25, 23.98 fps) 2-3 type

of intra or Long GOP

4K DCI (17:9) 4096 x 2160 (119.9, 100, 59.94, 50, 29.97,

25, 24, 23.98 fps) 3 type of intra or Long GOP

4K UHD (16:9) 3840 x 2160 (119.9, 100, 59.94, 50, 29.97,

25, 23.98 fps) 3 type of intra or Long GOP

2K DCI (17:9) 2048 x 1080 (239.76, 200, 119.9, 100,

59.94, 50, 29.97, 25, 24, 23.98 fps) Intra frame or Long

GOP

Full HD (16:9) 1920 x 1080 (239.76, 200, 119.9, 100,

59.94, 50, 29.97, 25, 23.98 fps) Intra frame or Long GOP

HDR movie recording at up to 59.94p in Normal modes of

4K DCI/UHD, 2K DCI/UHD, Full HD

HDR movie recording at up to 29.97p in Fine modes of 4K

DCI/UHD, 2K DCI/UHD, Full HD<sup>12</sup>

8K/ 4K/ 2K/ Full HD - YCbCr4:2:0 or YCbCr4:2:2 8-bit or

10bit

Custom Picture:

C1: Canon 709

C2: Canon Log 2

C3: Canon Log 3

C4: PQ

C5: HLG

C6: BT.709 Standard

C7 - C20: User Defined

Picture Styles: Auto, Standard, Portrait, Landscape, Fine

Detail, Neutral, Faithful, Monochrome, User Defined (x3)

**Colour Sampling (Internal**

**recording)**

**Canon Log**

<b>Movie Length</b>	Max duration 6 hours. (excluding High Frame Rate movies). No 4 GB file limit with exFAT formatted card <sup>13</sup> .		
<b>High Frame Rate Movie</b>	MP4 Video: 4K – DCI 4096x2160 / UHD 3840x2160 at 119.9 / 100 fps 2K – DCI 4096x2160 / UHD 3840x2160 at 239.76 / 200 / 119.9 / 100 fps Full HD 1920 x1080 at 239.76 / 200 / 119.9 / 100 fps <sup>14</sup>		
<b>Frame Grab</b>	35.4-megapixel JPEG still image frame grab from 8K DCI movie possible 33.2-megapixel JPEG still image frame grab from 8K UHD movie possible 8.8-megapixel JPEG still image frame grab from 4K DCI movie possible 8.3-megapixel JPEG still image frame grab from 4K UHD movie possible (HEIF only possible when HDR PQ is set) <sup>15</sup> Dual Shooting (Still & Movie): Movie Output: Main recording format: XF-AVC S YCC420 8bit Movie recording size: Full HD (Normal) at 29.97p / 25p (LGOP) Still Drive mode (JPEG only at the resolution of 8K(7680x4320) and Aspect ratio: Approx. 16:9): High speed (Max. approx. 7.5 shots/sec. (NTSC), Max. approx. 6.2 shots/sec. (PAL)) Low speed (Max. approx. 5.0 shots/sec. (NTSC), Max. approx. 4.1 shots/sec. (PAL)) Single shooting <sup>16</sup>		
<b>Bitrate/Mbps</b>	CRM: 8K RAW Standard (29.97p/25.00p/24.00p/23.98p): Approx. 2600 Mbps 8K RAW Light (59.94p/50.00p): Approx. 2600 Mbps 8K RAW Light (29.97p): Approx. 1670 Mbps 8K RAW Light (25p): Approx. 1400 Mbps 8K RAW Light (24.00p/23.98p): Approx. 1340 Mbps 4K SRAW Standard (59.94p): Approx. 1860 Mbps 4K SRAW Standard (50p): Approx. 1550 Mbps 4K SRAW Standard (29.97p): Approx. 930 Mbps 4K SRAW Standard (25.00p/24.00p/23.98p): Approx. 780 Mbps 4K SRAW Light (59.94p): Approx. 840 Mbps 4K SRAW Light (50p): Approx. 700 Mbps 4K SRAW Light (29.97p): Approx. 420 Mbps 4K SRAW Light (25.00p/24.00p/23.98p): Approx. 350 Mbps MP4 8K DCI/UHD Normal: XF-HEVC S YCC422 10bit High Quality Intra 24p / 23.98p: Approx. 1920 Mbps Standard Intra 25p: Approx. 1500 Mbps Light Intra 25p: Approx. 1000 Mbps Standard LGOP 25p: Approx. 540 Mbps XF-HEVC S YCC420 10bit Standard LGOP 29.97p/25.00p/24.00p/23.98p: Approx. 400 Mbps MP4 4K DCI/UHD Fine / Normal (Oversampled from 8K / Not oversampled): XF-HEVC S YCC422 10bit Standard LGOP 29.97p/25.00p/24.00p/23.98p: Approx. 135 Mbps XF-HEVC / XF-AVC S S YCC420 10bit / 8bit Standard LGOP 29.97p/25.00p/24.00p/23.98p: Approx. 100 Mbps XF-AVC S YCC422 10bit High Quality Intra 25p: Approx. 500 Mbps Standard Intra 25p: Approx. 375 Mbps Light Intra 25p: Approx. 250 Mbps Standard LGOP 29.97p/25.00p/24.00p/23.98p: Approx. 150 Mbps MP4 4K DCI/UHD Normal (Not oversampled): XF-HEVC S YCC422 10bit Standard LGOP 119.9p / 100p: Approx. 450 Mbps 59.94p/50.00p: Approx. 225 Mbps XF-HEVC / XF-AVC S S YCC420 10bit / 8bit Standard LGOP 119.9p / 100p: Approx. 300 Mbps 59.94p/50.00p: Approx. 150 Mbps XF-AVC S YCC422 10bit High Quality Intra 50p: Approx. 1000 Mbps Standard Intra 100p: Approx. 1500 Mbps Standard Intra 50p: Approx. 750 Mbps Light Intra 100p: Approx. 1000 Mbps Light Intra 50p: Approx. 500 Mbps Standard LGOP 100p: Approx. 500 Mbps Standard LGOP 50p: Approx. 250 Mbps MP4 2K DCI / FullHD Fine / Normal (Oversampled from 4K / Not oversampled): XF-HEVC S YCC422 10bit Standard LGOP 59.94p/50.00p/29.97p/25.00p/24.00p/23.98p: Approx. 50 Mbps XF-HEVC / XF-AVC S S YCC420 10bit / 8bit Standard LGOP 59.94p/50.00p/29.97p/25.00p/24.00p/23.98p: Approx. 35 Mbps		
		<b>Dual Card recording</b>	
		<b>Microphone</b>	XF-AVC S YCC422 10bit Standard Intra 25p/50p: Approx. 125/250 Mbps Standard LGOP 59.94p/50.00p/29.97p/25.00p/24.00p/23.98p: Approx. 50 Mbps MP4 2K DCI/UHD Normal (Not oversampled): XF-HEVC S YCC422 10bit Standard LGOP 239.76p / 200p: Approx. 200 Mbps 119.88p / 100p: Approx. 100 Mbps XF-HEVC / XF-AVC S S YCC420 10bit / 8bit Standard LGOP 239.76p / 200p: Approx. 140 Mbps 119.88p / 100p: Approx. 70 Mbps XF-AVC S YCC422 10bit Standard Intra 200p: Approx. 1000 Mbps Standard Intra 100p: Approx. 500 Mbps Standard LGOP 200p: Approx. 200 Mbps Standard LGOP 100p: Approx. 100 Mbps Proxy movie (2K-DCI Normal / Full HD Normal) XF-HEVC S YCC420 10bit / XF-AVC S YCC420 8bit Standard LGOP 59.94p/50p/29.97p/25p/24p/23.98p: Approx. 16 Mbps XF-HEVC S YCC420 10bit / XF-AVC S YCC420 8bit Light LGOP 59.94p/50p/29.97p/25p/24p/23.98p: Approx. 9 Mbps Yes (including Proxy recording)
		<b>HDMI Display</b>	Build-in mono microphone (48 Khz, 24/16-bit x 2 channels) Audio format: LPCM / 24 bit / 4CH AAC / 16 bit / 2CH Output to external monitor only (output of images and shooting information, images are recorded to the card) Camera screen and External Monitor output (Simultaneous recording to camera and external recorder, camera screen shows images with shooting information) <sup>17</sup>
		<b>HDMI Output</b>	8K RAW or 4K SRAW ProRes recording via HDMI <sup>18</sup> 4K (DCI) 59.94p / 50p/29.97p/25p/24p/ 23.98p, 4K (UHD) 59.94p / 50p/29.97p / 25p / 23.98p, Full HD 59.94p / 60i / 59.94i / 50p / 50i 480p 59.94p 576p 50p Uncompressed YCbCr 4:2:2, 10-bit, sound output via HDMI is also possible <sup>18</sup>
		<b>Focusing</b>	Dual Pixel Intelligent AF with Eye/Face Detection and Tracking AF (people, animals and vehicles) , Movie Servo AF, Manual Focus
		<b>ISO</b>	Auto: 100-25600, H: up to 51200 (when custom picture is off) Manual: 100-25600, H: up to 51200 (when custom picture is off)
		<b>OTHER FEATURES</b>	
		<b>NETWORK OPTIONS</b>	Communication functions: - Via Wi-Fi: FTP, FTPS, SFTP, EOS Utility, image.canon, Sync time between cameras, Camera Connect, Streaming services, Content Transfer Professional, Linked shooting, Camera Control API - Via Bluetooth: Camera Connect, BR-E1 - Via USB: EOS Utility, Camera Connect, Content Transfer Professional, Video calls/streaming (UVC/UAC) - Via Ethernet: FTP, FTPS, SFTP, EOS Utility, Sync time between cameras, Camera Control API Simultaneous use of communication functions: - FTP (wireless LAN) + EOS Utility (wireless LAN) - FTP (wired LAN) + EOS Utility (wired LAN) - FTP (wireless LAN) + EOS Utility (USB) - FTP (wired LAN) + EOS Utility (USB)
		<b>Metadata Tag</b>	User copyright information (can be set in camera) Image rating (0-5 stars) IPTC data (registered with EOS Utility) IPTC data (via CTP app) IPTC IIM (via CTP app) NewsML-G2 (News Metadata) (via CTP app) Image transfer with caption (Caption registered with EOS Utility) Blur/Out-of-Focus image detection data <sup>19</sup>
		<b>LCD Panel/Illumination</b>	Yes/Yes
		<b>Water/Dust Resistance</b>	Yes <sup>20</sup>
		<b>Voice Memo</b>	Yes
		<b>Intelligent Orientation Sensor</b>	Yes
		<b>Playback Zoom</b>	1.5x - 10x in 15 steps / on high resolution image (Upscaled image): 1.5x to 35x (22 levels)

## 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, Waveform monitor(movie mode only), White balance, Picture Style, Colour space and noise reduction, Lens optical correction, GPS information, IPTC 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, start of burst sequence 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

Select and erase images / Select range / All images in folder / All images on card / All found images (only during image search), Images transmitted via FTP

## Image Erase Protection

Erase protection of Select images / Select range / All images in folder / Unprotect all images in folder / All images on card / Unprotect all images on card / All found images / Unprotect all found images (only during image search)

## Self Timer

2 or 10 sec.

## Menu Categories

- (1) Shooting menu
- (2) AF Menu
- (3) Playback menu
- (4) Communication Function (Network)
- (5) Function settings (Setup menu)
- (6) Customize controls
- (7) Custom Functions menu
- (8) My Menu

## Menu Languages

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 using Camera Connect app or EOS Utility (Camera, Lens, External Speedlite, BLE remote control, Lens adapter, Power zoom adapter, multi-function shoe compatible accessories)

## INTERFACE

### Computer

SuperSpeed Plus USB 3.2 Gen 2 USB Type-C<sup>®</sup> connector

### Wi-Fi

Wireless LAN (IEEE 802.11ax 2x2 MIMO) (6 GHz / 5 GHz / 2.4 GHz)<sup>21</sup>, with Bluetooth 5.3 support

### Other

HDMI out (Type A, HDMI-CEC not supported), RJ-45 Ethernet terminal for 2.5 GBASE-T wired LAN, External Microphone In (Stereo mini jack), Headphone socket (Stereo mini jack), N3-type terminal (remote control terminal), PC Sync terminal.  
 GPS:  
 GPS satellites (American)  
 GLONASS satellites (Russian)  
 MICHIBIKI Quasi-Zenith Satellites (Japanese)

## DIRECT PRINT

### Canon Printers

### PictBridge

Not supported

## STORAGE

### Type

1x CFexpress type B maximum capacity 2TB (compatible with CFexpress 2.0 and VPG400)  
 1x SD/SDHC/SDXC and UHS-II

## SUPPORTED OPERATING SYSTEM

### PC

Windows 10 and Windows 11 (tablet mode not supported)

### Macintosh

macOS 12 / 13/14

## SOFTWARE

### Image Processing

Digital Photo Professional 4.19.10 or later  
 Digital Photo Professional Express mobile app 1.10.10 or later (iOS only)

## Other

EOS Utility 3.18.10 or later (incl. Remote Capture), Picture Style Editor, EOS Lens Registration Tool, EOS Web Service Registration Tool, Canon Camera connect app 3.2.10 or later (iOS/Android), Content Transfer Professional app (iOS/Android).

## POWER SOURCE

### Batteries

Rechargeable Li-ion Battery LP-E6P (supplied)<sup>22</sup>

### Battery Life

With LCD Approx. 630 shots (at 23°C)<sup>23</sup>

With Viewfinder Approx. 340 shots (at 23°C)<sup>23</sup>

### Battery Indicator

6 levels + percentage

### Power Saving

Power turns off after 30 seconds, 1, 3, 5, 10 or 30mins

### Power Supply & Battery Chargers

Battery charger LC-E6E (supplied), Car Battery Charger CBC-E6, CD Coupler DR-E6P<sup>24</sup>, PD-E2 USB power adapter, PD-E1 USB power adapter<sup>25</sup>

## ACCESSORIES

### Wireless File Transmitter

### Cases / Straps

### Lenses

All RF and RF-S lenses (EF & EF-S via Lens adapters)

### Lens Adapters

EF TO EOS R ADAPTER, EF TO EOS R ADAPTER WITH CONTROL RING, EF TO EOS R Drop in filter ADAPTER

### Flash

Canon Speedlite (EL-1<sup>26</sup>, EL-5 EL-100, 90EX, 220EX, 270EX, 270EX II, 320EX, 380EX, 420EX, 430EX, 430EX II, 430EX III 470EX-AI, 550EX, 580EX<sup>26</sup>, 580EX II<sup>26</sup>, 600EX<sup>26</sup>, 600EX-RT<sup>26</sup>, 600EX-II-RT<sup>26</sup>, 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<sup>26</sup>, Speedlite Transmitter ST-E3-RT V2<sup>26</sup>, Speedlite Transmitter ST-E10)

### Battery Grip

BG-R20 battery grip<sup>27</sup>, BG-R20EP battery grip<sup>28</sup>, CF-R20EP Cooling Fan<sup>29</sup>

### Remote Controller/Switch

Remote Switch RS-80N3, Timer Remote Controller TC-80N3, Remote control with N3 type socket, Speedlite 600EX-II-RT, Speedlite EL-1 and BR-E1 Bluetooth remote

### Other

GP-E2 GPS receiver<sup>30</sup> (digital compass not supported), Eyecup ER-KE, Multi-Function Shoe Adapter AD-E1, Multi-Function Shoe Directional Stereo Microphone DM-E1D (Mic), Multi-Function Shoe Adapter for Smartphone Link AD-P1 for Android, Stereo Microphone DM-E1 / DM-E100, Tascam CA-XLR2d-C XLR microphone adapter, Rain Cover small ERC-R5S, Rain Cover large ERC-R5L, Protecting Cloth PC-E1, Hand Strap E2, Shoe cover ER-SC1, Shoe cover ER-SC2, Shoe cover ER-SC3, Tripod Grip HG-100TBR<sup>31</sup>, Interface Cable IFC-100U, Interface Cable IFC-400U

## PHYSICAL SPECIFICATIONS

### Body Materials

Magnesium Alloy body and Chassis with some components consisting of polycarbonate with glass fibre  
 1 – 40 °C, 85% or less humidity

### Operating Environment

### Dimensions (WxHxD)

Approx. 138.5×101.2×93.5 mm

### Weight (body only)

Approx. 656 g (746 g with card and battery)

## FOOTNOTES

- 1 Yaw, pitch, and roll image stabilization performance, based on the CIPA 2024 standard with RF 24-105mm F2.8 L IS USM Z at a focal length of 105mm
- 2 The AF area available vary depending on the lens used. For lens related details, please refer to [Supplemental Information] for [EOS R5 Mark II] in "<https://cam.start.canon>".
- 3 The lowest light AF is available with an f/1.2 lens, center AF point, One-Shot AF, at 23°C / 73°F, ISO 100) Except RF lenses with a Defocus Smoothing (DS) coating
- 4 Only available for still photos and electronic shutter. If the person's size on the screen is small, or if part of the subject is hidden or multiple subjects are crowded together, identification accuracy may decrease.
- 5 Recommended Exposure Index. Expanded ISO speeds are not available when [HDR shooting (PQ): HDR PQ] is set.
- 6 with 50mm lens at infinity, -1m-1 dpt
- 7 Low light AF performance will be reduced when suppress low frames is used
- 8 When using EU/EX Speedlite and [Sync speed priority: Enable] is set
- 9 Under Canon testing standards with CFexpress/SD card and during servo AF, only RF lenses and some EF lenses can be used for continuous shooting at the maximum speed. The continuous shooting speed may be reduced by the lens, shutter speed, aperture, flash, subject conditions, and brightness (for example, when shooting in a dark place). Continuous shooting speed is slower when flicker is detected, even if anti-flicker shooting is off. For more details please see the User's Guide at "<https://cam.start.canon>".
- 10 Supported images: JPEG / HEIF images, Upscaled images can be cropped. The following images cannot be in-camera upscalled: RAW/C-Raw images, Images shot with a camera that is not the same model, Images resized or cropped by a camera, computer, or other device, In-camera upscalled images, Image size: Other than L, [Cropping/aspect ratio]: Other than Full-frame, Images shot with cropped shooting using an RF-S or EF-S lens, Images frame grabbed from movies, Images shot with the [Dual shooting (still&movie): On] setting. It may take some time for processing images. Shooting is not possible until the image processing finishes.
- 11 Recording is possible only when using an CFexpress card.  
\* When using the power source other than LP-E6P/DR-E6P, some restrictions will apply. For more details please see the User's Guide at "<https://cam.start.canon>".
- 12 HDR movie mode is not available when recording RAW movies.  
If the cameras internal temperature becomes too high the maximum recording time will be reduced  
8K UHD 4K UHD and Full HD are 94% horizontal coverage of the image area, RAW, SRAW, 8K DCI, 4K DCI and 2K DCI are 100%, DCI movie cropping mode is 62.1% and UHD/HD movie cropping mode is 58.1% of the horizontal area.
- 13 If the cameras internal temperature becomes too high the maximum recording time will be reduced
- 14 With [High Frame Rate: Disable] setting, movie is recorded with audio and the movie is played back at actual speed. With [High Frame Rate: Enable] setting, no audio is recorded and the movie is played in slow motion at 29.97 fps (NTSC) / 25.00 fps (PAL) when played back. Only exFAT-formatted cards can be used for recording (recording to FAT32-formatted cards is not possible).
- 15 The camera cannot frame grab still photos from RAW movies and movies recorded when [Custom Picture: On] is set.  
In-camera resizing or cropping and in-camera upscaling are not available for frame-grabbed still photos.
- 16 Movie recording does not stop during still photo shooting. Movies are recorded to card 1, and still photos are recorded to card 2 (a card needs to be inserted in each slot).  
The settings during movie recording are applied to still photos. AF/AE operates with the settings suitable for movie recording. The colour tone may differ from that of normal still photos depending on the timing of still photo shooting. Additional restrictions may apply for more details please see the User's Guide. (<https://cam.start.canon>)
- 17 HDMI CEC not supported
- 18 8K and 4K ProRes RAW: For compatibility with external recorders please check the external recorder manufacturer sites.
- 19 Blur/out-of-focus detection may not be performed for some scenes or subjects, or results may be inaccurate. Only JPEG or HEIF images are evaluated, and only when the camera is set to use the electronic shutter and detect people or eyes.
- 20 Although the camera features dust- and water-resistant construction, this cannot completely prevent dust or water droplets from entering the camera. To ensure adequate weather sealing, the supplied shoe cover should be used unless a weather sealed accessory is inserted in the Multi Function shoe.
- 21 Wi-Fi use may be restricted in certain countries or regions  
6GHz is infrastructure only and camera AP is not supported.
- 22 LP-E6 cannot be used. Use of LP-E6P is recommended. When using the LP-E6NH/LP-E6N, the network (Wi-Fi/Ethernet) functions and multi-function shoe accessories that require heavy power supply from the camera cannot be used. Pre-continuous shooting, HDMI RAW output, and dual shooting (still & movie) are not available. Continuous shooting speed may be reduced. During movie recording, resolution, image quality, and frame rate are limited. For details, refer to Supplemental Information for EOS R5 Mark II on the Canon website (<http://cam.start.canon>).
- 23 Based on the CIPA Standard and using the battery supplied with the camera, except where indicated. In power saving mode
- 24 DR-E6 cannot be used. The combination of DR-E6P and PD-E1 cannot be used. AC Adapter Kit ACK-E6 cannot be used.
- 25 If you are concerned about battery consumption during power supply, using a PD-E2 USB power adapter with high power supply capability is recommended.
- 26 Must use Multi-Function Shoe Adapter AD-E1 to retain weather sealing
- 27 Some restrictions may apply. For more details please see the User's Guide at "<https://cam.start.canon>".
- 28 When BG-R20 battery grip is used with LP-E6NH/LP-E6N, network connectivity (Wi-Fi/Ethernet) and camera accessories designed for a multi-function shoe that require considerable power from the camera cannot be used. Pre-continuous shooting, HDMI RAW output, and still photo shooting during movie recording are not available. Continuous shooting speed may be slower. For movies, limitations apply to resolution, recording size (quality), and frame rate.
- 29 When BG-R20EP battery grip is used with LP-E6NH/LP-E6N, network connectivity (Wi-Fi/Ethernet) and camera accessories designed for a multi-function shoe that require considerable power from the camera cannot be used. Pre-continuous shooting, HDMI RAW output, and still photo shooting during movie recording are not available. Continuous shooting speed may be slower. For movies, limitations apply to resolution, recording size (quality), and frame rate.  
Wired LAN functionality is not available when using BG-R20EP battery grip with cameras released before July 2024. It can be used only as a grip.
- 30 Cannot be connected using an interface cable.  
Requires Multi-Function Shoe Adapter AD-E1.
- 31 Total weight including camera, lens, microphone, and other accessories should not exceed 1 kg / 35.3 oz. Some lenses may block sound in the shooting environment from external microphones, which may prevent sound from being picked up correctly.

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