

Canon

Delighting You Always

MAKE IT DRAMAGIC

WITH THE
EOS R6 Mark II



4K 60p

FHD 180p

HDR MOVIE

Up to
40 Frames
per second

Dual Pixel
CMOS AF II

IN-BODY IMAGE
STABILIZER

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4K 60p & FHD 180p

4K 60p

4K Movie with 6K Oversampling

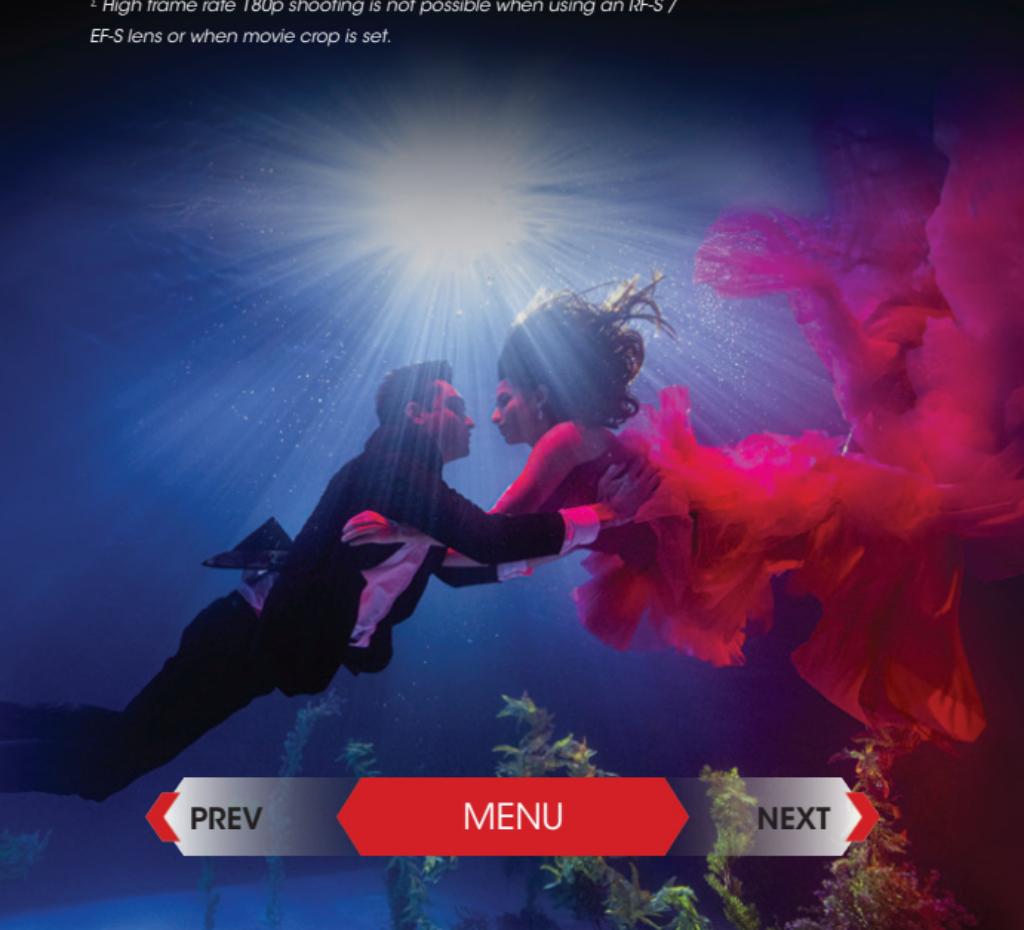
The EOS R6 Mark II is equipped with the 6K oversampling process that applies the debayer algorithm used in CINEMA EOS system to generate high-quality 4K movies. Movies recorded can also be converted into smaller file sizes via IPB Light / Transcode, to allow quicker transfers to a smartphone, or as a proxy for editing 4K footage.

FHD 180p

High Frame Rate 180p FHD

Achieve more dramatic effect in your storytelling with high frame rate 180p^Σ recording in Full HD. Enjoy a wide full-frame field of view and a slow-motion effect up to 6x slower than normal playback speed.

^Σ High frame rate 180p shooting is not possible when using an RF-S / EF-S lens or when movie crop is set.

A dramatic underwater photograph of a couple performing a flamenco dance. The woman is in a traditional red dress with flowing ruffles, and the man is in a dark suit. They are positioned in front of a large rock formation. Sunlight filters down from above, creating bright rays and bubbles around them.

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6K RAW HDMI Out



The EOS R6 Mark II is able to record up to 6K 60p 10-bit RAW movies with HDMI output to an external recording device^Δ. This gives movie editors the highest image quality and flexibility needed for panning, zooming and colour adjustment during post-processing.

^ΔWith a compatible external recording device, e.g.: Atomos Ninja V+. Sold separately.



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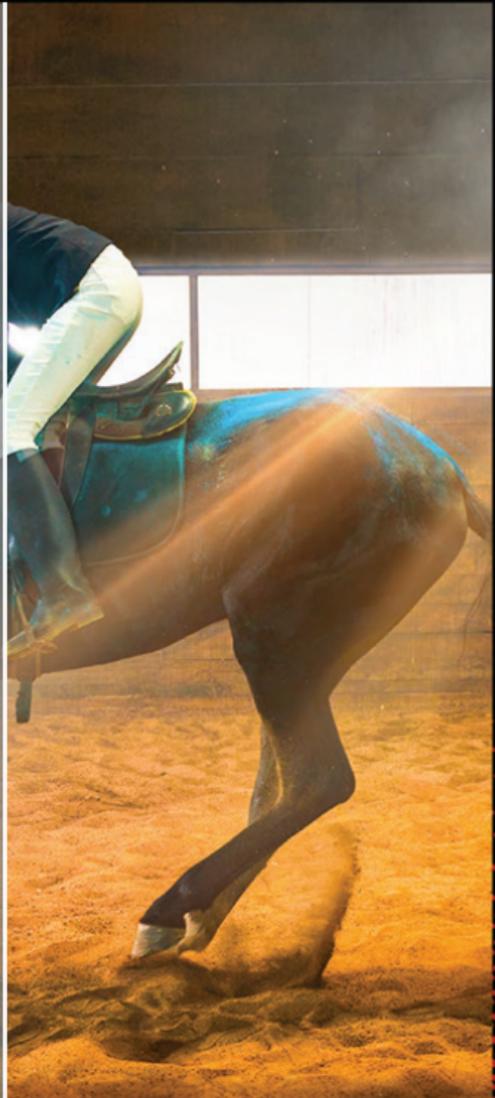
Canon Log 3

Shoot in Canon Log 3, the format that's also widely used in the Cinema EOS system. Its high editing tolerance in the post production process, great dynamic range, and ability to express gradation in high contrast makes it well-liked among filmmakers.

Ungraded



Graded



*No animals were harmed in the making of the photographs/video

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Pre-Recording (Movie)

Often, subjects can move or scenes may change before we can react. This is where the EOS R6 Mark II gets ever more helpful. Being the first-ever EOS camera with the Pre-recording function, it lets users capture scenes 3-5 seconds before the "Record" button is pressed.

With Pre-recording turned on, your chances of missing those crucial moments are reduced to near zero. This can boost your confidence, especially when the subjects are unpredictable wildlife.

With Pre-recording

Pre-recording

Up to 5 seconds earlier



Shutter button pressed

Recording



Without Pre-recording

Recording



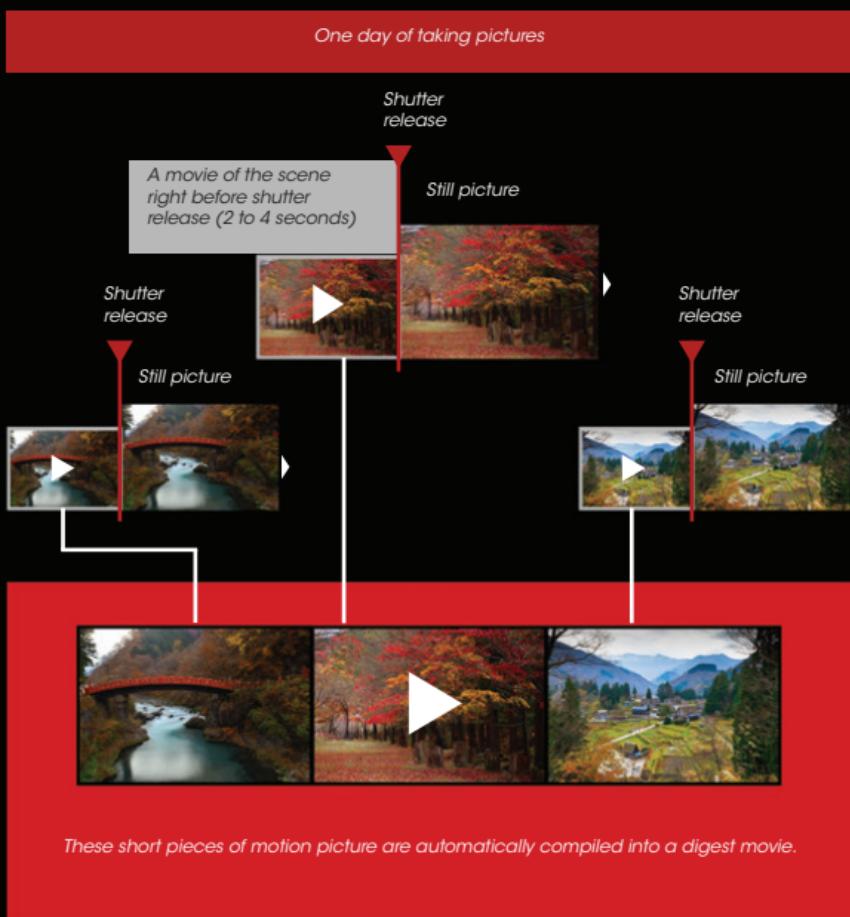
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Hybrid Auto Mode

Hybrid Auto mode can also help you enjoy some easy movie-making by creating a digest video automatically after a day of photo-taking. It does so by recording the scenes for approx. 2 to 4 seconds prior to shutter release (while capturing still photos), and compiles the short clips taken in the same day—into a digest movie (max FHD 30p).



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Movie Exposure Tools

The EOS R6 Mark II is equipped with False Colour and Zebra Settings to assist you in scenes where exposure is hard to judge.

False Colour

False Colour OFF



False Colour ON



False Colour, the function widely used in the Cinema EOS system is also available in EOS R6 Mark II to help identify the exposure state of the image, allowing you to make adjustments to prevent underexposure and overexposure in your videos.

| Colour | Meaning |
|-----------|---------------------------------|
| Red | White clipping (overexposure) |
| Yellow | Just below white clipping |
| Pink | 1-stop over 18% gray |
| Green | 18% gray |
| Blue | Just above black clipping |
| Purple | Black clipping (underexposure) |
| No Colour | Brightness other than all above |

False colour index (six colours)

Zebra Display

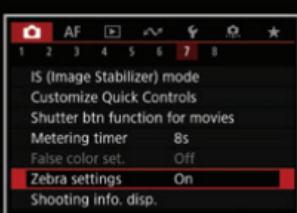
Zebra - OFF



Zebra - ON



Zebra Pattern is displayed on areas of the image where brightness levels exceed the preset level, and helps to quickly indicate the need to suppress overexposure or blown highlights.



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UVC/UAC Compatibility

With USB Video Class/USB Audio Class (UVC/UAC) support, the EOS R6 Mark II can also function as your webcam. This convenient plug-and-play via USB requires no additional drivers' installation, provides audio support, and delivers high quality video with less noise for your livestreams.



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Movie Digital IS

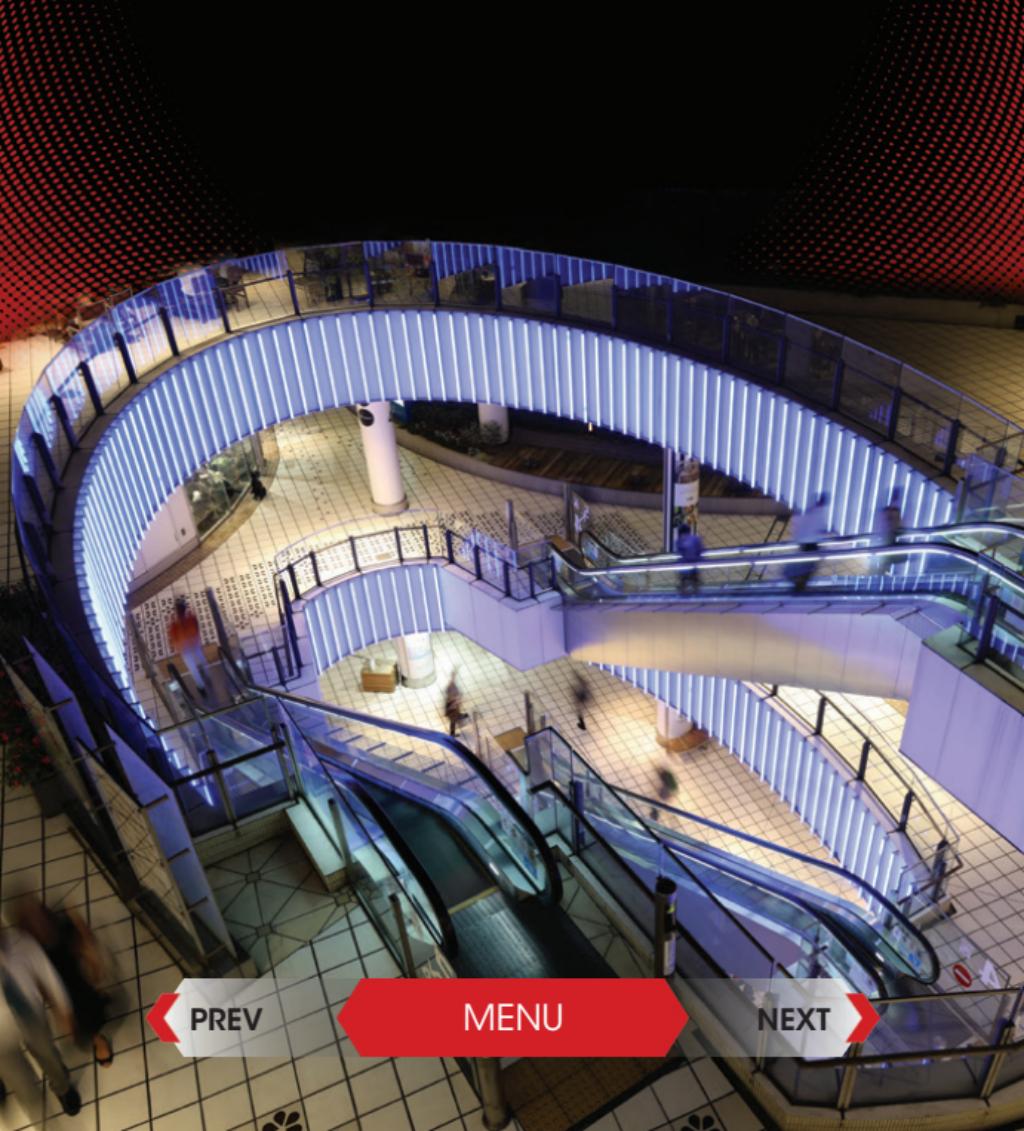
IN-BODY
IMAGE
STABILIZER
X
OPTICAL
IMAGE
STABILIZER
X
MOVIE
DIGITAL
IMAGE
STABILIZER

Coordinated Control for Handheld Videos

Counteract camera shakes that usually occur when recording movies while walking, and get stable footage by combining all three image stabilising systems: 5-axis in-body IS; lens IS[^] and movie digital IS.

Another advantage of having rigorous image stabilisation is the ability to shoot flexibly from any angle with just a minimal camera setup.

[^] When used with RF lenses that are equipped with lens IS.



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Image Stabilisation

IN-BODY IMAGE STABILIZER X OPTICAL IMAGE STABILIZER

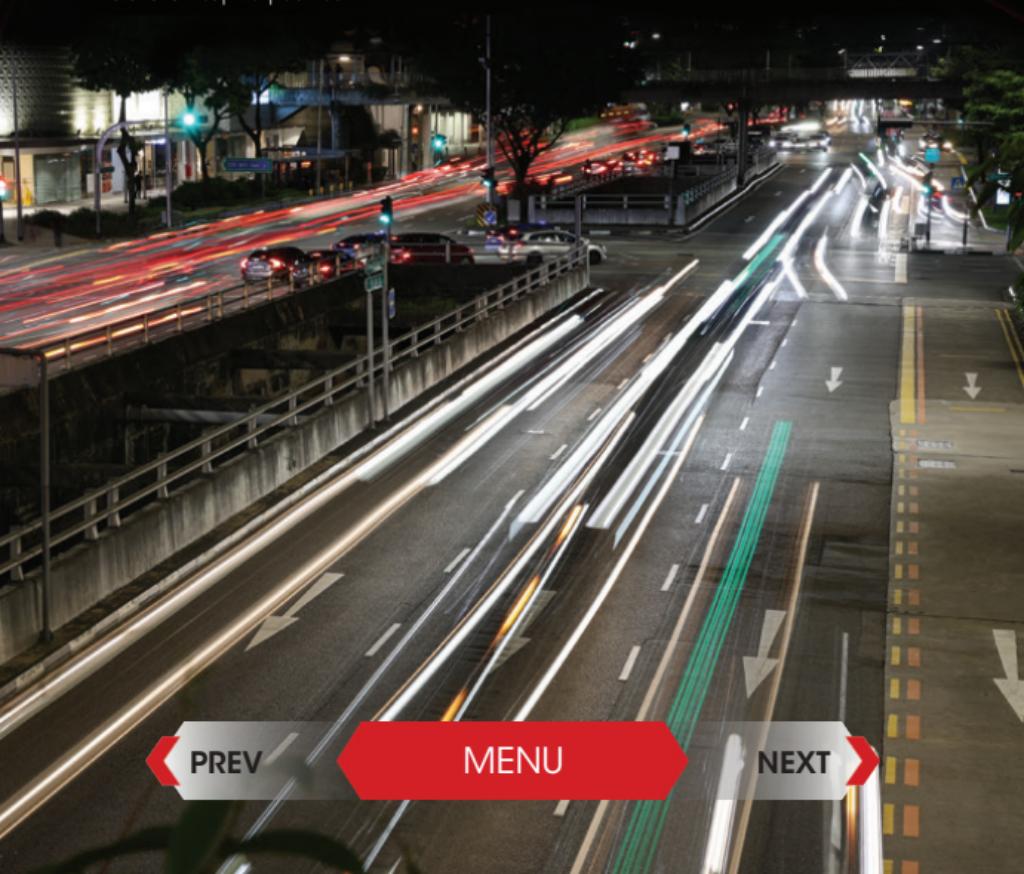
5-Axis In-Body Image Stabilisation

The EOS R6 Mark II lets you pull off high quality handheld shots with 5-axis in-body image stabilisation (IS) that offers up to 8.0 stops[^] of camera-shake correction. This allows even more room for creativity to flourish, or get bolder with long exposure settings, and is especially useful for night photography!



[^] When used with selected RF lens that supports coordinated control IS.

Photo taken: 3s | F13 | ISO 100



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Approx. 24.2MP High Image Quality

24.2 MEGA
PIXELS
CMOS

All-New Full-Frame CMOS Sensor

The next-generation EOS R6 Mark II is engineered to take your photography and videography to the next level.

A newly developed 24.2-megapixel CMOS sensor offers improved resolution with a greater number of pixels that surpasses its predecessor—the EOS R6.

Powered by the latest DIGIC X image processor, the EOS R6 Mark II delivers high quality imagery with less noise for both stills and movies. It also features low light sensitivity of up to EV -6.5 (stills), and up to ISO 102400 to help you thrive, even in challenging lighting conditions.



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High-Speed Continuous Shooting

Up to 40
Frames per second

High-Speed Burst Shooting with Electronic and Mechanical Shutter

Easily capture key moments or high-speed action with continuous shooting speeds of up to 40 frames per second (electronic) and 12 frames per second (mechanical), both with AF/AE tracking.

The anti-flicker function is helpful for indoor sports photography, while quiet burst shooting also comes in super handy during times where shutter noise becomes a concern—such as photographing wildlife, concerts or sports events.

RAW Burst with Pre-Shooting

Debuting in an EOS full-frame camera for the first time, RAW burst mode is now possible at up to approx. 30 frames per second. **Pre-shooting** can also be activated to capture moments 0.5 seconds before the shutter button is actually pressed, further reducing the chances of missing a shot.

Note: Rolling shutter distortion may occur depending on the subject and shooting conditions.



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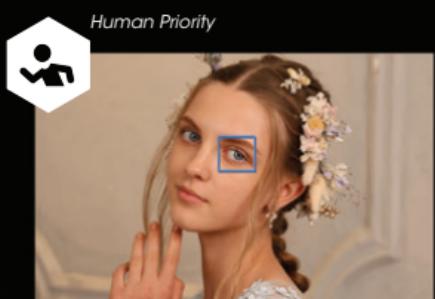
EOS iTR AF X Subject Detection

New AF Subjects: Horse, Plane and Train

Using algorithm driven by deep learning technology, the EOS iTR AF X (Intelligent Tracking & Recognition Autofocus) allows for easy detection and tracking of fast-moving subjects so you can focus on composition.

This exciting feature has been further enhanced to include new animal and vehicle tracking subjects. In addition to dogs, cats and birds, **Animal Priority** is now able to detect and track the face, eye or body of horses.

Likewise, **Vehicle Priority** has also been newly expanded to include trains and airplanes, in addition to bikes and cars in motor sports. Using Spot detection, it is also possible to achieve specific focus on the cockpit area.



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Eye Detection AF



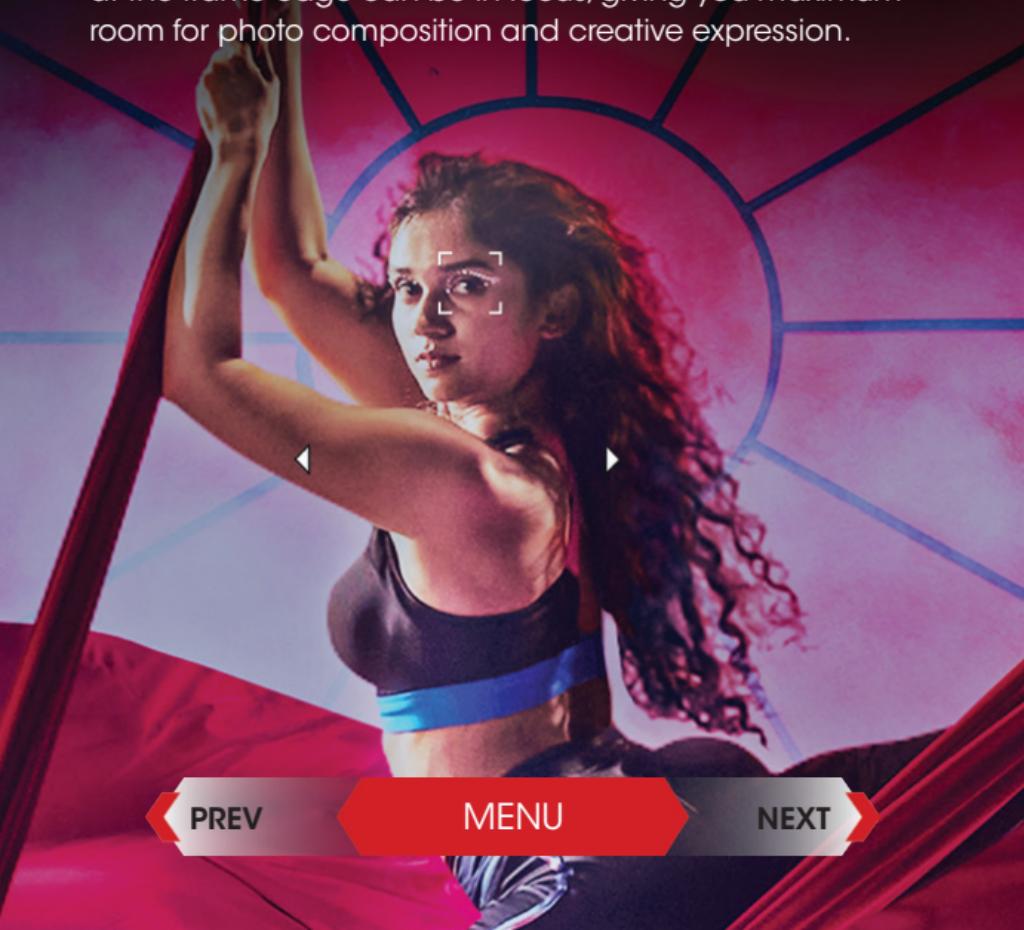
Eye Detection AF

Eyes are windows to the soul and Eye Detection AF helps you capture that precisely in both stills and movies. Your subject's eye can be tracked as they move, or even when the face is partially obscured (e.g. by hair or face mask etc.). The **Left/Right Eye Priority AF Tracking** introduces more flexibility by automatically tracking the eye and allowing you to easily switch focus between the left and right eye, even during viewfinder shooting.

Dual Pixel CMOS AF II

Wide AF Coverage

Accurate subject tracking over a wide area (100% horizontal x vertical) is also available thanks to Dual Pixel CMOS AF II, which offers up to 1053 AF areas for automatic selection. This means that even subjects at the frame edge can be in focus, giving you maximum room for photo composition and creative expression.



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HDR Mode (Moving Subjects)

A variety of HDR modes lets you capture realistic images with high dynamic range (HDR) of approx. 3000 nits. This allows for greater richness in the shadow and highlight areas of the images, creating a more realistic image similar to what the eyes perceive.

Dynamic Range Priority combines 3 shots taken at different exposure levels into 1 composite HDR shot, with a greater balance of highlights and shadows.

With the new **Moving Subject Priority** function, HDR capture of moving subjects—which used to be a challenge for subjects that move while the 3 shots are being taken—is now possible to capture as a single shot HDR image.



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Ergonomic Design



Vari angle LCD

The dust- and drip-resistant EOS R6 Mark II is highly suited for outdoor usage as it is solidly built and encased in a durable structure to help withstand the elements.

Improvements have also been made to the dial ergonomics as well as the design of the multi-controller to make way for swifter operability while looking through the viewfinder. It also features a Approx. 7.62 cm Vari-angle touchscreen LCD that allows for shooting from challenging low or high angles.

Multi-function shoe for mounting flash/video/audio accessories

Ergonomic dials' layout for swifter control of key settings



Multi-controller for improved thumb operability and shooting efficacy

3690,000 dots high-definition EVF

1620,000 dots vari-angle LCD

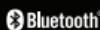


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Connectivity



Wired & Wireless Connectivity

The EOS R6 Mark II can be connected to Android and iOS smartphones using a USB-C wired connection- or wirelessly via Wi-Fi (2.4GHz/5GHz) or Bluetooth Low Energy (LE) using the Canon Camera Connect app. This allows for remote shooting and high-speed transfer of video and image files to smartphones for upload to social media.



*Enhance inter-device connectivity
via Canon Camera Connect app!*



⁻ Wired data transfer to iOS smartphones requires a compatible cable for such communication.

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Extensive Lens Options

Complete Lens Flexibility

The EOS R6 Mark II is part of the EOS R mirrorless camera system and is compatible with a wide range of high-performance RF lenses exclusively designed for the RF mount. Additionally, it is still compatible with all existing EF and EF-S lenses via mount adapters. This further expands the lens options for the EOS R6 Mark II.

RF
LENSES

RF-S
LENSES

EF
LENSES

EF-S
LENSES



The Advanced Canon RF Lenses Line-up

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Specifications

| TYPE | | |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image sensor | 24.2 megapixels, full-frame (36.0 × 24.0 mm) CMOS sensor | |
| Image processor | DIGIC X | |
| Lens mount | Canon RF mount | |
| Compatible lenses | Canon RF and RF-S lenses Canon EF and EF-S lenses (EF-EOS R mount adapter required) | |
| RECORDING SYSTEM | | |
| Recording media | 2 memory cards • 2 x SD, SDHC, SDXC memory card (UHS-II compatible) | |
| Pixels recorded | RAW/C-RAW, HEIF, JPEG Large: Approx. 24.2 MP (6000 x 4000) HEIF, JPEG Medium: Approx. 10.6 MP (3984 x 2656) HEIF, JPEG Small 1: Approx. 5.9 MP (2976 x 1984) HEIF, JPEG Small 2: Approx. 3.8 MP (2400 x 1600) | |
| AUTOFOCUS | | |
| Focus method | Dual Pixel CMOS AF II | |
| AF method | Spot AF, 1-point AF, Expand AF area (above/below/left/right/around), Flexible Zone AF 1 / 2 / 3, Whole area AF | |
| Available AF point positions <small>*When selected with the Multi-controller.</small> | Stills | Max. 4897 positions (83 x 59) |
| | Movies | Max. 4067 positions (83 x 49) |
| Available AF areas when automatically selected | Stills | Max. 1053 zones (39 x 27) |
| | Movies | |
| Subject Detection AF | EOS iTR AF X (intelligent Tracking & Recognition) – Automatic / Human priority / Animal priority / Vehicle priority | |
| AF operation | Stills | One-Shot AF, Servo AF, AI Focus AF (set automatically in Scene Intelligent Auto mode) |
| | Movies | One-Shot AF, Movie Servo AF |
| Focusing brightness range | Stills | EV -6.5 to 21 f / 1.2 lens (except RF lenses with a DS coating), center AF point, One-Shot AF, at room temperature and ISO 100 |
| | Movies | EV -4.0 to 21 (4K) EV -4.5 to 21 (Full HD) f / 1.2 lens (except RF lenses with a DS coating), center AF point, One-Shot AF, at room temperature, ISO 100, and 29.97 / 25.00 fps |
| EXPOSURE CONTROL | | |
| Metering sensor | 384 zones (24 x 16) metering using image sensor output signals | |
| Metering mode | Stills | Evaluative metering, Partial metering, Spot metering, Centre-weighted average |
| | Movies | Evaluative metering (when faces are detected), Center-weighted average (when no faces are detected, when set to Canon Log 3) |
| Metering brightness range | Stills | EV -3 to 20 (at room temperature, ISO 100) |
| | Movies | EV -1 to 20 (at room temperature, ISO 100) |

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Specifications

| EXPOSURE CONTROL | | |
|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Shooting mode | Stills | Scene Intelligent Mode, Hybrid Auto, Special Scene Mode, Creative Filters, Fv, P, Tv, Av, Manual, Long Bulb Exposure*, Custom Shooting Modes (C1 / C2 / C3) *previously Bulb Exposure |
| | Movies | Scene Intelligent Mode, Special Scene Mode (HDR Movie), Creative Filters, P, Tv, Av, Manual, Custom Shooting Modes (C1 / C2 / C3) |
| ISO speed (recommended exposure index) | Stills | ISO 100-102400*, expandable to L (ISO 50), H (ISO 204800) (ISO 200-102400 with Highlight tone priority set) *Expanded ISO cannot be set during HDR mode |
| | Movies | ISO 100-25600* expandable to H (ISO 204800) (ISO 200-12800 with Highlight tone priority set) *Expanded ISO cannot be set during HDR PQ movie, HDR movie or movie recording with shooting creative filters, HDMI RAW output setting, or digital zoom set. *Default setting range when set to Canon Log 3 is ISO 800-25600, expandable to L (ISO 100-640) and H (32000-204800) |
| Exposure compensation | \pm 3 stops in 1 / 3 or 1 / 2-stop increments AEB \pm 3 stops or 1 / 2-stop increments | |
| HDR PQ | | |
| Recording format | Stills: HEIF, Movies: MP4 | |
| Bit depth | 10-bit | |
| Colour sampling | YCbCr 4:2:2 | |
| HDR standards | Rec. ITU-R BT.2100 (PQ) | |
| SHUTTER | | |
| Shutter mode | Mechanical, Electronic 1st curtain, Electronic | |
| Shutter speed | Mechanical / Electronic 1st curtain : 1 / 8000s - 30s Electronic shutter: 1 / 16000s - 30s Movie recording: 1 / 8000s - 1 / 60s | |
| X-sync | Mechanical shutter: 1 / 200s Electronic 1st-curtain: 1 / 250s | |
| DRIVE SYSTEM | | |
| High-speed continuous shooting | Mechanical / Electronic 1st curtain shutter: Max. approx. 12 shots/second Electronic shutter: Max. approx. 40 shots/second | |
| MOVIE RECORDING | | |
| Movie recording size | 4K UHD (3840 x 2160) (Uncropped / Cropped) Full HD (1920 x 1080) (Uncropped / Cropped) | |
| HDMI RAW output (External Recording*) <small>*Compatible with ATOMOS Ninja V+</small> | 6K RAW (6000 x 3374) 3.7K RAW (3744 x 2106) ProRes RAW format | |
| Frame rate | 6K RAW: 59.94p / 29.97p / 25.00p / 50.00p / 23.98p 4K UHD/4K UHD Crop: 59.94p / 29.97p / 25.00p / 50.00p / 23.98p 4K UHD time-lapse: 29.97p / 25.00p 3.7K RAW: 59.94p / 29.97p / 25.00p / 50.00p / 23.98p High frame rate movie HD: 179.82p / 119.88p / 150.00p / 100.00p Full HD: 59.94p / 50.00p / 29.97p / 25.00p / 23.98p Time-lapse Full HD: 29.97p / 25.00p HDR movie: 29.97p / 25.00p Creative filters Full HD: 29.97p / 25.00p / 23.98p | |
| Canon Log | Canon Log 3 | |

Specifications

| SCREEN | | |
|------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Screen type | Vari-angle, TFT colour, LCD touch screen | |
| Screen size and dots | Approx. 7.62 cm / 3.0 type (3:2) with approx. 1620,000 dots | |
| VIEWFINDER | | |
| Viewfinder type | OLED colour electronic viewfinder | |
| Viewfinder size and dots | Approx. 1.27 cm / 0.5 type (3:2) with approx. 3690,000 dots | |
| COMMUNICATION FUNCTIONS | | |
| Wi-Fi | Standards compliance | IEEE 802.11 ac/a/b/g/n equivalent |
| | Transmission frequency (Centre frequency) | 5GHz band (5180-5825 MHz)*, 2.4GHz band (2412-2462 MHz)* <small>*Specifications may vary by country and region.</small> |
| | Compatible devices | Smart devices, computer and FTP server |
| Bluetooth | Bluetooth Ver. 5.0 | |
| INTERFACE | | |
| Digital terminal | SuperSpeed Plus USB (USB 3.2 Gen 2) equivalent, USB Type-C | |
| HDMI output terminal | Type D, supports 4K 60p output | |
| External microphone input & headphone terminal | Available | |
| Remote control | Supports Wireless Remote Control BR-E1 (Bluetooth) | |
| POWER | | |
| Battery | LP-E6NH / LP-E6N / LP-E6 | |
| DIMENSIONS AND WEIGHT | | |
| Dimensions (W x H x D) (CIPA compliant) | Approx. 138.4 x 98.4 x 88.4 mm | |
| Weight (CIPA compliant) | Approx. 670g (including battery and memory card) | |

Disclaimers:

All data above is based on Canon testing standards and CIPA (Camera & Imaging Products Association) testing standards and guidelines. Dimensions and weight listed above are based on CIPA Guidelines (except weight for camera body only). Product and appearance are subject to change without notice. If a problem occurs with a non-Canon lens attached to the camera, contact the respective lens manufacturer.

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Canon India Pvt. Ltd.

Corporate Office: 7th Floor,
Tower B, Building No. 5, DLF Epitome,
DLF Phase III, Gurugram – 122002

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Dealer's Stamp

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