Specifications

Dual DIGIC 6 Image Processors – 20.2 Megapixel APS-C CMOS sensor, ergonomic design. A newly designed cut-edge operations and a robust, camera has a winning combination of effortless, Canon’s EOS 7D Mark II challenging photographic situations

FUEL YOUR CREATIVE PASSION

BRING YOUR IMAGINATION TO REALITY

Optimized to help make over the most challenging photographic situations effortlessly, Canon’s EOS 7D Mark II camera has a winning combination of cutting-edge operations and a robust, ergonomic design. A newly designed 20.2 Megapixel APS-C CMOS sensor, Dual DIGIC 6 Image Processors – plus a host of new and refined capabilities make the EOS 7D Mark II the perfect camera to bring your imagination to reality.

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EOS 7D Mark II Features

• 20.2 Megapixel CMOS (APS-C) Sensor
• ISO 100–16000 (expandable to H1: 25600, H2: 51200)
• Dual DIGIC 6 Image Processors
• Up to 10.0 fps Continuous Shooting
• 65-point* All Cross-type AF
• Dual Pixel CMOS AF
• Full HD Video at 60p
• Movie Servo AF with customization
• Uncompressed HDMI
• Intelligent Viewfinder II
• Improved Custom Control
• Built-in Intervalometer & Bulb timer
• Magnesium alloy body
• EOS Scene Detection Systems
• Built-in GPS**
• 3.0-inch Clear View II LCD monitor
• Dual Card Slots for CF and SD cards

* The number of available AF points, and whether single line or cross-type, varies depending on the lens.
** In certain countries and regions, the use of GPS may be restricted. Therefore be sure to use GPS in accordance with the laws and regulations of your country or region. Be particularly careful when traveling outside your home country. As a signal is received from GPS satellites, take sufficient measures when using in locations where the use of electronics is regulated.
**High Speed & Intuitive Operation at Your Fingertips**

**Up to 10.0 fps Continuous Shooting**
A new, rugged shutter designed for 200,000 cycles, enables the EOS 7D Mark II to shoot up to 10.0 frames per second to capture all the action. Refined mechanics like a newly designed, more efficient shutter drive motor and a vibration dampened mirror drive help deliver reliable, speedy performance for high caliber image capture.

**Enhanced AF & Exposure**
Canon’s Intelligent Tracking and Recognition system (iTR AF) detects and tracks subjects, automatically switching the AF point to optimize tracking. New tracking algorithms are tailored to recognize faces and colors, which makes the EOS 7D Mark II’s advanced predictive Ai Servo AF III so effective. Ai Servo AF III assists in tracking subjects automatically, switching the AF point to optimize tracking. New tracking algorithms are tailored to recognize faces and colors, which makes the EOS 7D Mark II’s advanced predictive Ai Servo AF III so effective (Ai Servo AF III assists in tracking subjects continuously as they move to keep them constantly in focus). It also has an Intelligent Subject Analysis (iSA) system that employs an independent RGB+IR light sensor with approximately 150,000-pixel resolution. This new sensor not only provides a level of accuracy, but when combined with iTR AF, the EOS 7D Mark II can track subjects with a significantly greater level of success. The RGB+IR sensor also enables infrared-light detection and a flicker detection system that compensates for flickering light sources, taking shots only at peak light volume.

**65-point* All Cross-type AF System**
The advanced 65-point* all cross-type AF system helps ensure precise and stable AF no matter the subject or camera’s orientation. These AF points are spread over a wide area of the frame, enabling faster AF wherever the subject lies. With a central dual cross-type AF point of f/2.8, AF is enhanced with lenses faster than f/2.8. Also, this new system makes AF possible in dim lighting as low as EV-3.

**Sophisticated Technology for Stunning Results**

**Dual DIGIC 6 Image Processors**
The Dual DIGIC 6 Image Processors work seamlessly with the new 20.2 Megapixel sensor for supercharged processing across the board. These processors help the EOS 7D Mark II capture up to 1890 JPEG/LARGE, 11 RAW, and 19 RAW+JPEG shots** in a single burst for amazing action photography. They also enable the camera’s powerful image processing on-the-fly: lens aberration, variations in peripheral illumination, and image distortion can all be corrected in real time with the Dual DIGIC 6 Image Processors.

**Extensive ISO Range**
Optimized for low-light shooting, the EOS 7D Mark II’s sensor captures images at up to ISO 16000 (expandable to H1: 25600 and H2: 51200). This is because of an improved higher sensitivity photodiode construction, CMOS circuitry, and color filters with higher light transmittance. As a result, the EOS 7D Mark II records both still and moving images at higher ISO speeds with remarkably low noise, making excellent low-light photography and moviemaking possible.

**20.2 Megapixel CMOS Sensor**
A brand new 20.2 Megapixel sensor helps record high-resolution image files with stunning detail. Redesigned specifically for the EOS 7D Mark II, this impressive sensor captures a new level of clarity with low noise and high sensitivity. Phenomenal for stills, the camera’s sensor is equally impressive for movies, offering Canon’s revolutionary Dual Pixel CMOS AF for impressively smooth AF performance.

*The number of available AF points, and whether single line or cross-type, varies depending on the lens.

**Figures apply to a UDMA mode 7, CF card based on Canon’s testing standards.**

**Note:** Figures apply to a UDMA mode 7, CF card based on Canon’s testing standards.
VERSATILITY

EOS HD VIDEO

Stunning Cinematic Full HD Video

Dual Pixel CMOS AF
Canon’s revolutionary Dual Pixel CMOS AF enables superb HD shooting with the EOS 7D Mark II. With Dual Pixel CMOS AF, each pixel on the camera’s sensor performs both phase-difference detection autofocus and records light. Auto-focus is achieved quickly, easily and smoothly thanks to phase-difference detection AF. When used with the predictive power of Movie Servo AF, subjects in motion are smoothly and consistently tracked – once focus is locked, the EOS 7D Mark II stays on-target!

Movie Servo AF with Customization
Taking advantage of its Dual Pixel CMOS AF capabilities, the EOS 7D Mark II has a new customizable Movie Servo AF system. AF points, AF speed, and tracking interval can all be manually specified and linked to the particulars of the subject’s actions for continuous, smooth focus transitions. Customizable AF parameters give videographers more creative control, and opens up opportunities to create their videos just they way envision.

Full HD 60p Video Recording
The EOS 7D Mark II delivers refined and detailed EOS movie image quality with Full HD 60p (59.94 fps NTSC), and 50.00 fps (PAL), recording at ISO values up to 16000 (Dual Pixel CMOS AF is not available when shooting at 60p). At these frame-rates, even a fast-moving subject looks smooth in HD, as does a slow motion playback.

Multiple Input / Output Options
Shoot full HD and undeformed uncompressed MTS, P2, and 24p footage and directly using the EOS 7D Mark II. P2 included HDMI port. HDMI output makes it possible to monitor images on a large display or save image data to an external recorder. Thanks to an audio output function, video and sound can be recorded together to a single recorder. The EOS 7D Mark II also has dedicated microphone and headphone jacks for professional sound recording and monitoring. Dual card slots for CF and SD cards are also included, offering many options and long recording times with automatic switching between recording media.

Rugged Construction
With a new magnesium alloy chassis, the EOS 7D Mark II is both strong and comfortable to hold, and has impressive dust and water resistance. It features a new, rugged shutter designed for up to 200,000 cycles that incorporates both a newly designed and more efficient shutter drive motor, plus a vibration dampened mirror drive for faster action.

Improved Custom Control
An array of custom controls and menu options are available, including several featured for the first time on an EOS camera. AF shooting functions can be tailored to the preferences of the photographer and include AF point choice, flash operation, exposure controls and more. Features and options that were once embedded in menus can be accessed by a touch of a button with the new AF select lever that’s easily accessible during shooting.

Built-in GPS
Built-in GPS conveniently records latitude, longitude, altitude and UTC time. It also has a Time-Sync function and a digital compass that records the camera’s orientation when shooting. This feature is especially beneficial for users who shoot nature and travel photography.

Built-in Interval & Bulb timer
Time-lapse fixed-point shooting and long exposures are possible without the need for a remote control. The EOS 7D Mark II’s internal timer ranges from 1 to 99 shots at preselected intervals, while the built timer keeps the shutter open for a designated amount of time. These built-in features make it simple, easy and convenient to achieve creative imagery without the need to purchase additional accessories.

Versatile Design
The EOS 7D Mark II’s magnesium alloy chassis is both strong and comfortable to hold, and has impressive dust and water resistance. It features a new, rugged shutter designed for up to 200,000 cycles that incorporates both a newly designed and more efficient shutter drive motor, plus a vibration dampened mirror drive for faster action.

Diverse Range of Lenses for a Variety of Creative Expression
Compatible with Canon’s amazing collection of EF and EF-S lenses, the EOS 7D Mark II provides an incredible variety of creative opportunities for both still image and Full HD video capture. For users who enjoy shooting Full HD video, the EOS 7D Mark II works brilliantly with Canon’s STM lenses. STM lenses feature built-in stepping motors that enable smoother and quieter AF than many traditional lenses. These lenses are virtually silent for video shooting, leaving minimally distracting AF operation sounds on recordings.

Refined Design for Better Control
An array of custom controls and menu options are available, including several featured for the first time on an EOS camera. AF shooting functions can be tailored to the preferences of the photographer and include AF point choice, flash operation, exposure controls and more. Features and options that were once embedded in menus can be accessed by a touch of a button with the new AF select lever that’s easily accessible during shooting.

Approximately 100% Coverage Viewfinder & 3.0-inch Clear View II LCD monitor
The Intelligent Viewfinder II displays approximately 100% of the composition and is a joy to view. The display is also customizable through the camera’s user interface. A high resolution 3.0-inch Clear View II LCD monitor with approximately 1.61 million dots is bright and sharp for convenient viewing. Composition and review is tailored to the user with scalable fonts. The monitor’s improved low reflection, high contrast surface, and scratch-resistant glass with an anti-smudge coating ensures bright, crisp and easy review.
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