

Canon

30th
ANNIVERSARY
EOS SYSTEM

EOS System



usa.canon.com/eos

VOL. 7.01

30 YEARS OF EOS SYSTEM BRILLIANCE

In 1987, Canon introduced their first EOS camera and EF lens. With lightning fast autofocus, speedy operation and a variety of advanced electronic features, the EOS System was ahead of its time. Since then, the world of photography has changed in almost every way. Film has made way to digital, wires to wireless, and everything, from cameras to printing, moves faster. What hasn't changed is that Canon continues to design, engineer and produce Canon EOS cameras, lenses and accessories on the cutting edge of technology, helping achieve the best in still and moving image capture. For over 3 decades, they've helped deliver inspired performance in the hands of beginners, professionals and everyone in between.



EOS 650:
First Canon EOS SLR camera

1987

The Birth of the EOS System

1987

EF 300mm f/2.8L USM:
The world's first* lens with USM (Ultrasonic Motor)



1989

EOS-1:
First EOS camera designed for professional photographers



1990

EOS Rebel:
First EOS Rebel series SLR camera



EOS D30:
Canon's first digital SLR camera

2000



Beginning of the Digital Revolution

1995

EF 75-300mm f/4-5.6 IS USM:
The world's first** lens with IS (Image Stabilizer)



1993

EF 35-350mm f/3.5-5.6L USM:
The world's first* lens with 10x optical zoom



2002

EOS-1D:
First full-frame EOS camera



2003

EOS Digital Rebel:
First Digital Rebel series DSLR camera



EOS 5D Mark II:
First EOS DSLR camera capable of Full HD video capture



2008

A Revolution in Moviemaking is Born

2003

EF-S 18-55mm f/3.5-5.6 USM:
First EF-S lens



2001

EF 400mm f/4 DO IS USM:
The world's first** lens with DO (Diffractive Optics) elements



30th ANNIVERSARY EOS SYSTEM



2012

Debut of the Cinema EOS System

2011

EF 8-15mm f/4L Fisheye USM:
The world's first* fisheye lens for a full-frame camera



2009

EF 100mm f/2.8L Macro IS USM:
The world's first* lens with Hybrid IS



2012

EOS-ID X:
Combining the pinnacle of image quality with high-speed performance



EOS M:

Canon's first mirrorless camera



EOS C300:

Canon's first Cinema EOS camera

EOS C500:

First Cinema EOS camera capable of 4K capture



2013

EOS 70D:
First EOS camera with Dual Pixel CMOS AF

Dual Pixel AF
CMOS



2015

EOS 5DS/5DS R:
The world's first 50.6 Megapixel, full-frame DSLR



2016

EOS-ID X Mark II:
Flagship EOS DSLR camera capable of 4K capture



2017

30 Years of Innovation

2016

EF-S 18-135mm f/3.5-5.6 IS USM:
First EF lens with NANO USM



2013

EF 200-400mm f/4L IS USM Extender 1.4X:
The world's first* super-telephoto lens with built-in extender



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EOS TECHNOLOGY

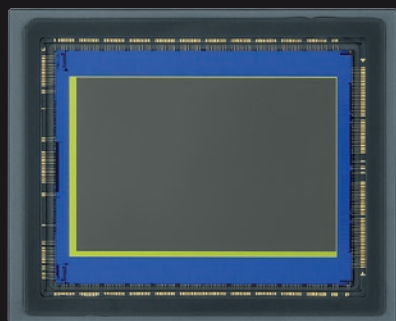
© David Bergman, Canon Explorer of Light



The history of the Canon EOS System brims with examples of technological innovations that set new industry standards for performance and usability. But for Canon, technology is never an end in itself. Every new technology must yield tangible benefits to the user. Does a new feature enable a faster, more responsive and enjoyable user experience? Does a new material or process improve the camera's long-term reliability? Canon EOS cameras are designed with these questions in mind to enhance operation for every person that picks one up, with innovative technologies that help elevate the quality of the images they create.

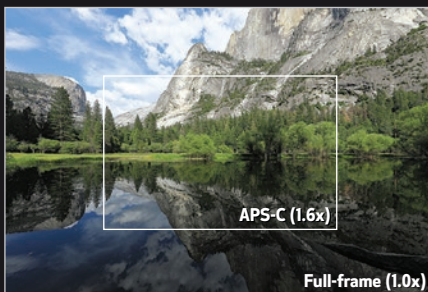
Canon CMOS Sensors

Canon designs and manufactures its own CMOS sensors, refining and improving their performance with each successive generation to meet the demands and needs of photographers. With resolutions of up to 50.6 Megapixels on the EOS 5DS and EOS 5DS R cameras, today's Canon CMOS sensors can capture images of up to 8712 x 5813 effective pixels, delivering a level of detail suitable for fine art printing, significant cropping and numerous other critical applications. Movie recording is just as impressive, with select cameras featuring 4K video



recording capabilities at up to 60p. On-chip noise reduction, combined with improvements in microlens technology, helps result in clean, robust images with impressive dynamic range, even at higher ISOs. Canon's CMOS sensors complement

their high-resolution capabilities with remarkable speed. Multi-channel signal paths and 14-bit A/D converters help process larger image files quickly, maintaining the camera's overall responsiveness. Whether constructed in full-frame 35mm or APS-C



When using the same lens with different cameras, the angle-of-view varies depending on the sensor size.

dimensions, select Canon CMOS sensors feature Canon's Dual Pixel CMOS technology with built-in phase-detection AF points for incredibly fast and accurate Live View AF.

DiGiC Image Processors

At the heart of every EOS camera, **DiGiC** Image Processors expedite and enhance operations across the board. Whether shooting stills or Full HD Video, action or portraits, **DiGiC** Image Processors use advanced signal processing technologies to help enrich image quality and deliver a more

intuitive, responsive camera. Features such as Face Detection AF and subject tracking, Live View composing, Full HD video recording and in-camera RAW file processing are all made possible thanks to **DiGiC** Image Processors. Simply put, they deliver speedy, powerful performance throughout the image recording process and enable EOS cameras to do more, faster.



EF Lenses

Renowned among camera enthusiasts and professionals alike, Canon's incredible collection of EF lenses complement EOS cameras with the optics, ergonomics and performance necessary to create images and HD video that challenge the boundaries of your imagination. With a huge variety of lenses designed to meet your creative needs at every level, EF lenses are recognized around the world for their uncompromising excellence and technological innovation. Incorporating the feedback of professional image makers, EF lenses consistently lead the way with specialized lens coatings, optimized optical designs, image stabilization technology and the resolving power to meet the ever-increasing resolution demands of the latest digital sensors and cameras. With more than 95

different lenses, including specialty models designed for architecture, close-up photography, professional sports and much more, EF lenses exponentially expand the capabilities of the EOS system.



AF Prowess

Whether using the viewfinder, the LCD monitor or even when working on a computer or smartphone, Canon's EOS cameras and EF lenses are primed to achieve tack sharp focus with remarkable speed and ease. No matter how you work, no matter the subject, EOS cameras have the AF technology to help achieve better results in more situations.

For photographs composed through the viewfinder, the EOS System features advanced autofocus technology with multi-point AF systems that deliver a breathtaking combination of accuracy and speed. High Density Reticular AF and Cross-type AF systems provide a wide coverage area for excellent AF and subject tracking across the image plane, are remarkably sensitive in low-light situations and are designed to deliver consistent results, even in adverse conditions such as freezing temperatures and humid environments. Cameras like the EOS-1D X Mark II and the EOS 5D Mark IV even feature RGB+IR metering sensors and processors that help improve color and shape recognition for more accurate AF and exposure

control. Focus can be maintained through sophisticated tracking systems like AI Servo AF III+, found in the EOS 1D X Mark II and the EOS 5D Mark IV cameras, which incorporates a Scene Analysis function that improves tracking performance when the subject's movements are unpredictable or when it crosses paths with a similar object.

Canon's versatile Live View technology expands the options and capabilities of EOS cameras, enabling composition, control of camera settings and shutter release, plus sophisticated AF systems excellent for still and video capture, all on screen. Canon's high-speed Dual Pixel CMOS AF provides lightning fast and accurate AF across the image plane by using every pixel for both AF detection and image capture. Other AF systems include Hybrid CMOS AF, which combines phase and contrast detection AF and is aided by pixels on the CMOS sensor that assist in predicting subject location. With Live View, the photographer can even zoom in and navigate the composition to fine-tune focus, and can direct the camera to detect faces with Face Priority AF.

Video Capture

With the introduction of the EOS 5D Mark II camera in 2008, Canon enhanced its reputation as a leader in technological innovation, incorporating video capture into SLR photography and changing moviemaking forever. This paved the way for a whole new class of cameras – the Cinema EOS series, which has won Canon accolades and awards from cinema industry professionals. Today, Canon continues to innovate across the EOS line,

4K

FULL HD 1080



Dual Pixel CMOS AF with Touch AF enables easy subject tracking.

with features such as Dual Pixel CMOS AF and 4K recording helping to create cinema-like video from a lightweight, portable camera. EOS cameras feature up to 4096 x 2160 DCI cinema-standard and 1920 x 1080 Full HD video capture, offering the enhanced image quality, smooth frame rates and adaptive exposure compensation necessary in professional movie-making tools. By shooting video with an EOS camera, it's simple to take advantage of the image quality and characteristics intrinsic to large-sensor cameras, resulting in richer, more detailed and more diverse images. The large sensors found in EOS cameras mean more high-quality pixels plus the potential to shoot at higher ISO sensitivities with minimal loss of detail.

Wireless Technologies

To help photographers to meet the daily, instant demands of an always-on media landscape, to enable and simplify remote capture possibilities through smartphones and to facilitate the sharing of photos and videos instantly and wirelessly, EOS cameras are well equipped for wireless connectivity. With Wi-Fi¹, NFC² (Near Field Communication), Bluetooth³ and GPS⁴ technologies built directly into a number of EOS camera models, it's never been faster or easier to streamline operations, wirelessly. Built-in Wi-Fi¹ facilitates sharing between compatible products, quick uploading to CANON iMAGE GATEWAY⁵ for easy sharing, as well as remote printing and more. NFC² technology enables virtually seamless connections to compatible smart devices for quick and easy image sharing. Bluetooth³ Smart pairing provides a smooth connection for quick photo sharing and remote control setups. A direct Wi-Fi¹ connection can also be established, turning a compatible phone into a virtual viewfinder, ensuring quick exposure settings AF operation focus plus shutter release, wirelessly. Built-in GPS⁴ helps users tag their images with critical location and timestamp data.

A free Canon Camera Connect app¹ is also available to help connect compatible mobile devices to any Wi-Fi¹ equipped Canon camera. Featuring an intuitive interface for both iOS¹ and Android[™] operating systems, it allows easy viewing and transferring of photos and videos as well as remote shooting.



¹ Compatible with iOS[®] versions 8.4/9.3/10.2, Android[™] smartphone and tablet versions 4.1/4.2/4.3/4.4/5.0/5.1/6.0/7.0/7.1. Data charges may apply with the download of the free Canon Camera Connect app. This app helps enable you to upload images to social media services. Please note that image files may contain personally identifiable information that may implicate privacy laws. Canon disclaims and has no responsibility for your use of such images. Canon does not obtain, collect or use such images or any information included in such images through this app. ² Compatible with Android[™] smartphone and tablet versions 4.0/4.1/4.2/4.3/4.4/5.0/5.1/6.0/7.0/7.1. ³ Compatible with select smartphone and tablet devices (Android[™] version 5.0 or later and the following iOS[®] devices: iPhone 4s or later, iPad 3rd gen. or later, iPod Touch 5th gen. or later) equipped with Bluetooth[®] version 4.0 or later and the Camera Connect App Ver. 2.0.30. This application is not guaranteed to operate on all listed devices, even if minimum requirements are met. ⁴ 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. ⁵ One-time registration is required on CANON iMAGE GATEWAY online photo album.



EOS REBEL T7i

NEW

Unlock Your Potential

The EOS Rebel T7i camera provides a 45-point all cross-type AF system* and optical viewfinder that let you stay ready for that unforgettable moment with virtually no lag between what you see and what you get when you press the shutter. Fast and accurate Dual Pixel CMOS AF with phase-detection locks focus quickly and accurately to help make sure you don't miss a great shot. A 24.2 Megapixel CMOS (APS-C) sensor helps you capture special moments in brilliant color, detail and vibrancy. With a maximum ISO of 25600, you can capture photos in low light with minimal chance of blur. Built-in Wi-Fi**, NFC*** and Bluetooth® connectivity lets you share these precious moments and upload them directly to the web.

24.2 MEGA PIXELS
CMOS

DIGIC 7

Cross-type AF
Max. 45 AF

Up to 6.0
Frames
Per Sec

LiveView
MODE

Intelligent
Viewfinder

7.560
PIXEL
RGB+IR Metering
sensor

Dual Pixel
CMOS AF

FULL HD
1080

ISO
25600
12800

3:2
WIDE
7.7cm / 3.0" LCD
ClearView II

Vari angle LCD

Wi-Fi / NFC

Bluetooth

Time-Lapse
Movie

PictBridge

Picture Style

A+
Scene
Intelligent Auto

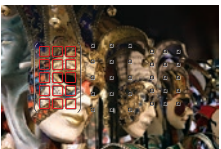


* The number of AF points, cross-type AF points and dual cross-type AF points vary depending on the lens used.
** Compatible with iOS versions 8.4/9.3/10.2, Android smartphone and tablet versions 4.1/4.2/4.3/4.4/5.0/5.1/6.0/7.0/7.1. Data charges may apply with the download of the free Canon Camera Connect app. This app helps enable you to upload images to social media services. Please note that image files may contain personally identifiable information that may implicate privacy laws. Canon disclaims and has no responsibility for your use of such images. Canon does not obtain, collect or use such images or any information included in such images through this app.
*** Compatible with Android smartphone and tablet versions 4.0/4.1/4.2/4.3/4.4/5.0/5.1/6.0/7.0/7.1.
^ Compatible with select smartphone and tablet devices (Android version 5.0 or later and the following iOS devices: iPhone 4s or later, iPad 3rd gen. or later, iPad Touch 5th gen. or later) equipped with Bluetooth version 4.0 or later and the Camera Connect App Ver. 2.0.30. This application is not guaranteed to operate on all listed devices, even if minimum requirements are met.

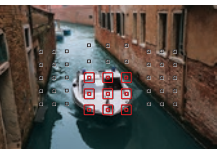
AF Performance

Optical Viewfinder + 45-point All Cross-type AF

To help you frame your ideal shot, the EOS Rebel T7i camera has an optical viewfinder that lets you see exactly what the lens sees. Equipped with a convenient 45-point all cross-type autofocus system*, the optical viewfinder helps ensure you can quickly get a subject in focus, regardless of its movement or where it is in the frame. Simply compose the photo you want and the autofocus will quickly lock on. There's minimal lag time between when you press the shutter button and when the photo is taken so you can get the shot you want, when you want.



Large Zone AF Mode



Zone AF Mode



Automatic Selection AF (Default Mode)

Cross-type
Max. 45 AF

Touch Screen + Dual Pixel CMOS AF

The EOS Rebel T7i camera features a Vari-angle Touch Screen 3.0-inch ClearView LCD II monitor with a touch-sensitive screen that can be ideal for composing and reviewing your photos. Simply tap the screen during Live View while taking photos or videos. Thanks to the EOS Rebel T7i's Dual Pixel CMOS AF, which helps deliver the world's fastest autofocus speed at 0.03 sec.^, it can quickly snap focus to that location in the image. Dual Pixel CMOS AF comes equipped with phase-detection, helping to ensure your results are sharp, keeping the time it takes to lock focus onto your subject to a minimum and smoothly maintaining focus where you want it.

3:2
WIDE
7.7cm / 3.0" LCD
ClearView II

Dual Pixel CMOS AF



Focus over a wide AF area



Dual Pixel CMOS AF with Touch AF enables easy subject tracking.

Wireless Technology

Built-in Wi-Fi*, NFC, Bluetooth*

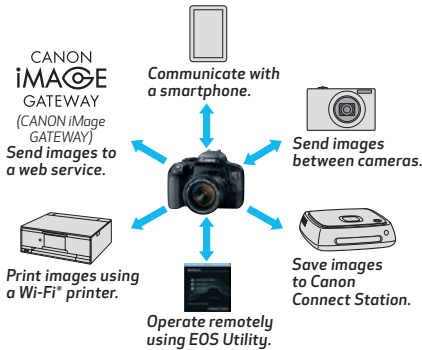
Thanks to built-in Wi-Fi*** technology and the Canon Camera Connect app, the EOS Rebel T7i camera can transfer photos and videos to and from compatible devices, upload directly to various web services and more. Built-in NFC technology*** means it can connect directly to compatible devices with a single tap.



Wi-Fi / NFC



Bluetooth



Bluetooth® pairing lets you easily connect to and remotely control the EOS Rebel T7i from compatible smartphones using the free Canon Camera Connect app**. You can also establish a direct Wi-Fi connection to use your phone as a viewfinder, and check and download previously captured photos and videos.



Camera Connect App Expand your wireless horizons with the Canon Camera Connect app.**



Once the camera is connected to your smart device via the app, it opens a range of possibilities such as remote picture and video shooting, previewing and transferring your images and direct upload to social networking sites.



Other Features

Intelligent Viewfinder

The EOS Rebel T7i camera's intelligent optical viewfinder lets you see the entire image, plus extensive and helpful info. Displaying exposure, shutter speed, AF frames and more lets you check your settings at a glance while simultaneously lining up your shot. There's even an electronic level to help ensure your photos aren't angled when you don't want them to be.



Feature Assistant A convenient new user interface called Feature Assistant explains camera features with easy-to-understand graphics and descriptions. Simply tap the screen to switch between Feature Assistant, shooting mode or Canon's traditional User Interface (UI).

^^ Among all the interchangeable lens digital cameras incorporating the APS-C size image sensors with phase-difference detection AF on the image plane. As of February 14, 2017 (based on Canon research). Calculated based on the resulting AF speed measured according to the CIPA guidelines. (Varies depending on the shooting conditions and the lenses used.) Internal measurement method. [Measurement conditions] Focusing brightness: EV 12 (room temperature, ISO 100) Shooting mode: M Lens used: EF-S 18-55mm f/4-5.6 IS STM (at focal length of 55mm) Live View shooting AF shooting using the shutter button. AF method: Live 1-point AF (with Center AF point) AF operation: One-Shot AF



EOS 77D

Take Creative Control

Featuring an optical viewfinder with a 45-point all cross-type AF system* and fast, accurate Dual Pixel CMOS AF with phase-detection, the EOS 77D camera helps you capture the action right as it happens. Extensive, customizable controls and brilliant image quality help you get the photo looking exactly how you want it. Capture vibrant colors and fine details with the 24.2 Megapixel CMOS (APS-C) Sensor. Without missing a beat, check and change your settings with the top-mounted LCD screen and rear Quick Control dial. When you're satisfied with your results, built-in Wi-Fi***, NFC*** and Bluetooth** technology lets you easily share your favorite photos and videos.

24.2 MEGA PIXELS
CMOS

DIGIC 7

Cross-type AF
Max 45AF

Up to 6.0
Frames Per Sec

LiveView
MODE

Intelligent
Viewfinder

7,560-PIXEL
RGB+IR Metering sensor

Dual Pixel CMOS AF

FULL HD
1080

ISO
25600
12800

3:2 WIDE
7.7cm/3.0" LCD
ClearView II

Vari angle LCD

Wi-Fi / NFC

Bluetooth

Time-Lapse
Movie

PictBridge

Picture Style

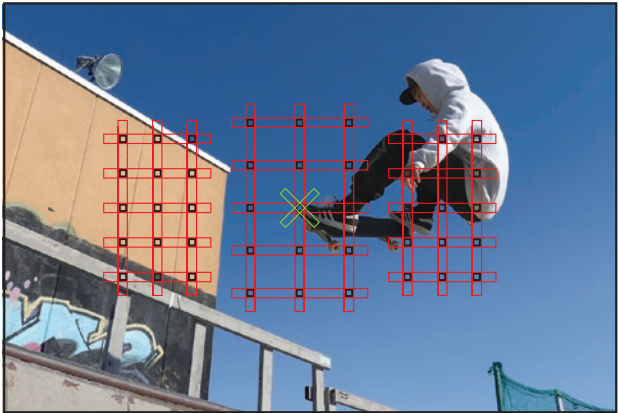
Scene
Intelligent Auto



* The number of AF points, cross-type AF points and dual cross-type AF points vary depending on the lens used.
** Compatible with iOS versions 8.4/9.3/10.2, Android smartphone and tablet versions 4.1/4.2/4.3/4.4/5.0/5.1/6.0/7.0/7.1. Data charges may apply with the download of the free Canon Camera Connect app. This app helps enable you to upload images to social media services. Please note that image files may contain personally identifiable information that may implicate privacy laws. Canon disclaims and has no responsibility for your use of such images. Canon does not obtain, collect or use such images or any information included in such images through this app.
*** Compatible with Android smartphone and tablet versions 4.0/4.1/4.2/4.3/4.4/5.0/5.1/6.0/7.0/7.1.
^ Compatible with select smartphone and tablet devices (Android version 5.0 or later and the following iOS devices: iPhone 4s or later, iPad 3rd gen. or later, iPod Touch 5th gen. or later) equipped with Bluetooth version 4.0 or later and the Camera Connect App Ver. 2.0.30. This application is not guaranteed to operate on all listed devices, even if minimum requirements are met.

AF Performance

Optical Viewfinder + 45-point All Cross-type AF
The EOS 77D camera's optical viewfinder gives professional-level control and convenience by letting you see exactly what the lens sees in a variety of lighting conditions. A 45-point all cross-type autofocus system* helps you get what you want in focus, quickly. This



Dual cross-type focusing Cross-type focusing

Image Quality

24.2 Megapixel CMOS Sensor with DIGIC 7 Image Processor
The EOS 77D camera features a 24.2 Megapixel (APS-C) sensor capable of capturing clear, detailed and vivid images and movies. Its high resolution delivers results suitable for printing or easily uploading for use on the web. The **DIGIC 7** Image Processor powers the EOS 77D with high image quality and fast operation to help keep what you're photographing in focus, even in low light.

ISO 100–25600 An ISO range of 100–25600 means the EOS 77D camera can capture highly detailed results, even in extreme low-light situations such as low saturation, low-light dusk, dawn or darkened interior settings. Its **DIGIC 7** Image Processor helps to minimize graininess when using high ISO settings, keeping what you're capturing in focus.



7560-pixel RGB+IR Metering Sensor
A fine-tuned RGB+IR metering sensor not only helps ensure accurate exposure, but also uses Color Detection AF to detect skin tones and help provide precise AF. This is particularly useful when establishing focus for portraits in situations where other AF systems may falter. When a skin tone is detected, AI Servo AF starts off on skin-colored points, then tracks the subject based of the original AF point's color information, maintaining focus on the person even when they're in motion.



Color Detection AF detects skin tones and helps provide precise AF.

Superlative Controls

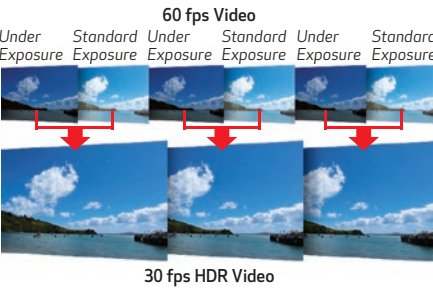
Anti-flicker Shooting The EOS 77D camera features a flicker detection system that not only alerts the user in the viewfinder, but with the camera's Anti-flicker Shooting function can compensate for flickering light sources, taking shots as close to peak light volume as possible. This feature is useful for helping to minimize disparities in color and exposure, especially during continuous shooting in sub-optimal lighting situations.

comes in especially handy when trying to photograph fast-moving subjects, like athletes racing to score a goal or excited, playful pets. With minimal glare and minimal lag between what you see and what the camera captures, you could be on a dazzling beach photographing surfers or snapping a brilliant image of your friends dancing at midnight, and you can get the shot you want.

Touch Screen + Dual Pixel CMOS AF
The EOS 77D camera excels at shooting stills and videos at a variety of angles thanks to its Vari-angle Touch Screen 3.0-inch Clear View LCD II monitor. During Live View, tap the screen where you want to focus, and the camera will focus on that location almost instantly thanks to Dual Pixel CMOS AF. Helping to deliver the world's fastest autofocus speed at 0.03 sec.^, Dual Pixel CMOS AF features phase-detection and helps ensure your results are sharp, keeps the time it takes to lock focus onto your subject to a minimum and smoothly maintains focus where you want it.



HDR Movie + Time-Lapse Movie
HDR Movie mode captures correctly exposed and under-exposed images, then blends them into one video with more highlight detail for stunning results. Time-Lapse Movie mode takes long stretches of time and condenses it down to a single high-speed video (minimum settable shutter speed of 1/25). Rapidly moving pedestrians on a busy street, fast-moving clouds in the sky – the possibilities are only limited by your imagination.



Continuous Shooting up to 6.0 fps
Capture up to 6.0 frames per second with the EOS 77D camera. Whether you're capturing wildlife or sports, it can take the shot and stay locked on throughout the action, ensuring you capture the exact moment you want.



^^ Among all the interchangeable lens digital cameras incorporating the APS-C size image sensors with phase-difference detection AF on the image plane. As of February 14, 2017 (based on Canon research). Calculated based on the resulting AF speed measured according to the CIPA guidelines. (Varies depending on the shooting conditions and the lenses used.) Internal measurement method.
[Measurement conditions]
Focusing brightness: EV 12 (room temperature, ISO 100)
Shooting mode: M
Lens used: EF-S 18–55mm f/4–5.6 IS STM (at focal length of 55mm)
Live View shooting AF shooting using the shutter button.
AF method: Live 1-point AF (with Center AF point)
AF operation: One-Shot AF



EOS-1D X Mark II

The Mark of Legends

Immense power. Phenomenal speed. A remarkable combination of innovation and refinement. The new EOS-1D X Mark II camera is nothing but legendary every step of the way. Blazingly fast, it can capture up to 14 fps (16 fps in Live View mode)* at a burst rate of up to 170 RAWs with a CFast™ card, delivering clean, sharp images even in dim light with an improved 61-point AF system. This remarkable speed means faster recording too: 4K video can be recorded at up to 60 fps with smooth AF and strikingly clear detail. Combined with superb low-light performance thanks to its improved ISO sensitivities, the EOS-1D X Mark II camera performs brilliantly from the stadium, safari or studio to virtually everywhere in between, marking a new page in the legacy of the EOS series of cameras.



20.2 MEGA PIXELS
CMOS

DUAL DIGIC 6

FULL FRAME CMOS

Upto 14.0 Frames Per Sec

Upto 16.0 Frames Per Sec
LiveView Mode

High Density Reticular AF II

61

ISO 51200

ISO 25600
4K 12800

860,000 PIXELS
RGB+IR Metering sensor

4K

4K Frame Grab

FULL HD 1080

Dual Pixel CMOS AF

LiveView Mode

3:2 WIDE
8.1cm / 3.2" LCD
ClearView II

Viewfinder II

Intelligent In-Camera Digital Lens Optimizer

CFast 2.0

* Continuous shooting speed may vary depending on the shutter speed, the aperture, the lens being used, the battery charge and various camera settings.



EOS 5Ds/5Ds R

The Freedom of High Resolution

Marking a new standard in high-resolution digital SLR photography, the Canon EOS 5DS camera shatters the status quo with a 50.6 Megapixel, full-frame CMOS sensor and dual DIGIC 6 Image Processors. Perfect for studio, commercial, fine art, landscape, architectural, portrait and wedding photography, plus large-scale printing, the EOS 5DS represents the ultimate combination of EOS performance and ultra-high megapixel capture. Joining the EOS 5DS is the EOS 5DS R, which adds an LPF* (low-pass filter) cancellation effect, for specialized applications where pixel-level sharpness and detail are desired. Now capable of wireless operation using the available Wi-Fi Adapter W-E1** card so you can remote shoot in the studio or on location, the EOS 5DS and 5DS R provide even more versatility for your creative endeavors.



50.6 MEGA PIXELS
CMOS

DUAL DIGIC 6

FULL FRAME CMOS

Picture Style

FULL HD 1080

Upto 5.0 Frames Per Sec

LiveView MODE

ISO 6400

ISO 6400

61

High Density Reticular AF

150,000 PIXELS
RGB+IR Metering sensor

3:2 WIDE
8.1cm / 3.2" LCD
ClearView II

Viewfinder II

DIRECT PRINT

PictBridge

HDMI

USB

* The possibility of moiré and color artifacts is greater due to the LPF cancellation function.
** To use Wi-Fi functions with Wi-Fi Adapter W-E1 inserted, the firmware version of the EOS 5D S/5D SR must be 1.1.0 or later.
*** EOS 5DS R camera only.



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EOS 5D Mark IV

See Legendary

The EOS 5D Mark IV camera builds on the powerful legacy of the 5D series, offering amazing refinements in image quality, performance and versatility. Canon's commitment to imaging excellence is the soul of the EOS 5D Mark IV. Wedding and portrait photographers, nature and landscape shooters, as well as creative videographers will appreciate the brilliance and power that the EOS 5D Mark IV delivers. Superb image quality is achieved with Canon's all-new 30.4 Megapixel full-frame sensor, and highly-detailed 4K video is captured with ease. Enhancements range from improved focus accuracy, to fast operation and continuous shooting to even new wireless capabilities that allow the camera to become an extension of you. When quality matters, the EOS 5D Mark IV helps deliver results to inspire even the most discerning imagemaker.

30.4MEGA
PIXELS
CMOS

DIGIC
6+

FULL
FRAME
CMOS

Up to
7.0
Frames
Per Sec

61
point
AF

ISO
32000
FD 25600
4K 12800

150,000
PIXELS
RGB-BI Metering
sensor

Dual Pixel
CMOS AF

4K

4K
Frame Grab

FULL HD
1080

Dual Pixel
RAW

3.2
8.1cm / 3.2" LCD
ClearView II

Approx.
100%

Intelligent
Viewfinder II

Wi-Fi / NFC



* For detailed information on the Canon Log feature upgrade, please visit usa.canon.com/canonlog5d4.



EOS 5D Mark III

The Power to Create

For stunning high resolution, full-frame photography with supercharged EOS performance, there's nothing quite like the EOS 5D Mark III camera. With a full-frame 22.3 Megapixel Canon CMOS sensor, Canon's amazing **DIGIC 5+** Image Processor, a 61-Point High Density Reticular AF, dual card slots and shooting performance up to 6.0 fps, the refined EOS 5D Mark III is designed to perform. With an extended ISO range of 100–25600 (expandable to 50 (L), 51200 (HI) and 102400 (H2)), an Intelligent Viewfinder and Canon's advanced iFCL Metering System, plus HDR, Multiple Exposure, refined HD video recording and more, the EOS 5D Mark III is one of the most user-friendly, professional level, full-frame EOS cameras ever.

22.3MEGA
PIXELS
CMOS

DIGIC
5+

FULL
FRAME
CMOS

Picture Style

FULL HD
1080

Up to
6.0
Frames
Per Sec

LiveView
MODE

ISO
25600
12800

61
point
AF

EOS

Integrated
Cleaning
System

3.2
WIDE
3.2" LCD
ClearView II

DIRECT
PRINT

PictBridge

USB

Intelligent
Viewfinder





EOS 6D

Unlock Your Vision

Designed to bring all of the benefits of full-frame photography and moviemaking to a compact, lightweight and simple to operate DSLR, the EOS 6D is the perfect camera to help you realize your creative vision. The EOS 6D camera features a 20.2 Megapixel full-frame CMOS sensor, Canon's amazing **DiGiC 5+** Image Processor, a 63-zone AE sensor and an 11-point AF system with a center point light sensitive to EV -3 for outstanding performance even in low-light conditions. The camera has a bright viewfinder and a brilliant 3.0-inch Clear View LCD monitor, and offers advanced, professional level HD capture for beautiful, cinematic HD quality videos, can shoot up to 4.5 frames per second, offers an extensive ISO range and conveniently features built-in wireless technology and GPS*. It's the ideal camera for advanced amateurs and videographers making the move to a Full-Frame DSLR, as well as professionals seeking a secondary camera. Whatever your inspiration, unlock your vision with the power of the EOS 6D camera.



20.2 MEGA PIXELS
CMOS

DiGiC 5+

FULL FRAME CMOS

FULL HD 1080

WiFi CERTIFIED

GPS

ISO 25600
12800

Upto 4.5 Frames Per Sec

11 AF point

63 ZONE Dual-Layer Metering

EOS Integrated cleaning System

Picture Style

DIRECT PRINT

PictBridge

Hi SPEED USB

* 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.



EOS 7D Mark II

Fuel Your Creative Passion

The Canon EOS 7D Mark II digital SLR camera is designed to meet the demands of photographers and videographers who want a camera that can provide a wide range of artistic opportunities. With a winning combination of cutting-edge operations and a robust, ergonomic design, it is optimized to make even the most challenging photography simple and easy. The EOS 7D Mark II features a refined 20.2 Megapixel APS-C CMOS sensor with Dual **DiGiC 6** Image Processors for gorgeous imagery. It shoots up to 10 frames per second at ISOs ranging from 100-16000 (expandable to HI: 25600, H2: 51200), has a 65-point* all cross-type AF system and features Canon's amazing Dual Pixel CMOS AF for brilliant Live-View AF. To access convenient, new Wi-Fi*** capabilities, it can even be paired with Canon's optional Wi-Fi Adapter W-E1*** (and the firmware update for versions 1.1 or later). Available in a variety of kits including bundles featuring the Wi-Fi Adapter W-E1, the EOS 7D Mark II is an ideal tool for creative and ambitious photography.



20.2 MEGA PIXELS
CMOS

DiGiC 6 DUAL

Upto 10.0 Frames Per Sec

Cross-type AF 65 AF point

3:2 WIDE 7.7cm / 3.0" LCD ClearView II

Dual Pixel CMOS AF

Approx 100% Viewfinder

Intelligent Viewfinder II

ISO 16000 16000

FULL HD 1080

150,000 PIXEL RGB+IR Metering sensor

GPS

Picture Style

PictBridge

HDMI

SUPER SPEED USB

* The number of available AF points, and whether single line or cross-type, varies depending on the lens.
** Compatible with iOS versions 8.4/9.3/10.2, Android smartphone and tablet versions 4.1/4.2/4.3/4.4/5.0/5.1/6.0/7.0/7.1. Data charges may apply with the download of the free Canon Camera Connect app. This app helps enable you to upload images to social media services. Please note that image files may contain personally identifiable information that may implicate privacy laws. Canon disclaims and has no responsibility for your use of such images. Canon does not obtain, collect or use such images or any information included in such images through this app.
*** The EOS 7D Mark II camera requires a firmware update to utilize the Wi-Fi** benefits provided by the Wi-Fi Adapter W-E1 unless purchased as one of the available Wi-Fi Adapter Kit bundles.



EOS 80D

Focus with Precision

Whether raising your game to SLR level photography or having fun with a feature-rich, versatile SLR you can use pretty much anywhere, the EOS 80D camera is your answer. It features an impressive 45-point all cross-type AF system* that provides high-speed, highly precise AF in virtually any kind of light. An Intelligent Viewfinder with approximately 100% coverage helps ensure photographers don't miss their shot. Improvements like a powerful 24.2 Megapixel (APS-C) CMOS sensor and enhanced Dual Pixel CMOS AF boost performance across the board. Complementing the EOS 80D camera's advanced operation are built-in wireless connectivity and Full HD 60p movies that can be saved as MP4s for easy sharing. Merging power, precision and operability, the EOS 80D is a dynamic SLR camera for anyone ready to realize their creative vision.



24.2 MEGA PIXELS
CMOS

Cross-type AF
45 AF

Upto 7.0
Frames Per Sec

Approx. 100%
Viewfinder

Intelligent
Viewfinder

7.560 PIXEL
RGB+IR Metering sensor

Dual Pixel CMOS AF

FULL HD
1080

ISO
16000
12800

3:2 WIDE
7.7cm / 3.0" LCD
ClearView II

Vari angle LCD

Wi-Fi / NFC

Picture Style

SD XC

* The number of AF points, cross-type AF points and dual cross-type AF points vary depending on the lens used.



EOS 70D

Meet the New Game-Changer

Changing forever the way you capture still images and video with a DSLR camera, the EOS 70D camera is a trailblazing powerhouse featuring a revolutionary autofocus technology that unlocks the potential of Live View. The innovative Dual Pixel CMOS AF allows the EOS 70D to shoot video like a camcorder, enables you to fully benefit from the freedom of angle allowed by the camera's Vari-angle Touch Screen 3.0-inch Clear View LCD monitor II, and is compatible with over 103 Canon EF lenses for expanded creative flexibility. Built-in wireless technology further enhances shooting and sharing capabilities. Superb image quality is provided by a newly designed 20.2 Megapixel CMOS (APS-C) sensor, which enables an ISO range of 100-12800 (H: 25600), and the powerful **DIGIC 5+** Image Processor helps achieve up to 7.0 fps continuous shooting. A 19-point all cross-type AF system with a high precision dual cross f/2.8 center point and Intelligent Viewfinder with customizable display provide advanced control during composition and capture, while imaging features like HDR, Multiple Exposure and Creative Filters available in real time help create spectacular photos. Elevating the possibilities of creative expression to amazing heights, the EOS 70D with cutting-edge Dual Pixel CMOS AF is nothing short of revolutionary.



20.2 MEGA PIXELS
CMOS

Dual Pixel CMOS AF

Wi-Fi
CERTIFIED

FULL HD
1080

ISO
12800
6400

Upto 7.0
Frames Per Sec

All Cross-type point
19 AF

3:2 WIDE
3.0" LCD
ClearView II

Intelligent
Viewfinder

Vari angle LCD

Picture Style

PictBridge

SD XC



EOS REBEL T6s / T6i



Advanced EOS Features, Rebel Simplicity

Designed for those who want more creative control, but still want the ease-of-use of the Rebel line, the EOS Rebel T6s camera is a great choice. Wireless sharing is easy and convenient thanks to built-in Wi-Fi** via the free Canon Camera Connect app*, as well as built-in Near Field Communication (NFC)**. Premium features like manual controls, illuminated Top LCD and more provide users the artistic freedom to easily capture truly unique and expressive photos and videos the way they envision. For simple and fun photos and videos that are easy to share, the EOS Rebel T6i camera provides built-in Wi-Fi** and NFC**, an intuitive design, advanced AF and more so that taking beautiful, natural-looking photos and HD videos can be fun and effortless.



24.2 MEGA PIXELS
CMOS

DIGIC 6

FULL HD 1080

ISO 12800
6400

Up to 5.0
Frames Per Sec

3:2 WIDE
7.7cm/3.0" LCD
ClearView II

Vari angle LCD

Hybrid CMOS AF III

Cross-type point
19 AF

7,560 PIXEL
RGB+IR Metering
601100F

Wi-Fi / NFC

Scene Intelligent Auto

Picture Style

PictBridge

SD

HDMI

* Compatible with iOS versions 8.4/9.3/10.2, Android smartphone and tablet versions 4.1/4.2/4.3/4.4/5.0/5.1/6.0/7.0/7.1. Data charges may apply with the download of the free Canon Camera Connect app. This app helps enable you to upload images to social media services. Please note that image files may contain personally identifiable information that may implicate privacy laws. Canon disclaims and has no responsibility for your use of such images. Canon does not obtain, collect or use such images or any information included in such images through this app.
** Compatible with Android smartphone and tablet versions 4.0/4.1/4.2/4.3/4.4/5.0/5.1/6.0/7.0/7.1.



EOS REBEL T5i

Renew Your Creative Soul

Photo enthusiasts rejoice! The EOS Rebel T5i camera is here to renew your artistic side with amazing imaging features and full-featured functionality. An 18.0 Megapixel CMOS (APS-C) sensor and Canon's superb **DIGIC 5** Image Processor combine with an extensive ISO range of 100-12800 (expandable to 25600 in H mode) to provide gorgeous, detailed images, even in low-light situations. 9 cross-type AF focus points, including a high-precision dual-cross f/2.8 center point, help ensure crisp focus throughout the frame, and the Hybrid CMOS AF system enables speedy and accurate autofocus when shooting in Live View mode, which is displayed on the brilliant Vari-angle Touch Screen 3.0-inch Clear View LCD monitor II. EOS Full HD Movie mode with Movie Servo AF help make shooting high quality videos easy, offering you another outlet for your creativity.



18.0 MEGA PIXELS
CMOS

DIGIC 5

FULL HD 1080

ISO 12800
6400

Up to 5.0
Frames Per Sec

3:2 WIDE
3.0" LCD
ClearView II

Vari angle LCD

Hybrid CMOS AF

All Cross-type point
9 AF

63 ZONE
Dual-Layer Metering

LiveView MODE

Scene Intelligent Auto

EOS Integrated Cleaning System

Picture Style

PictBridge

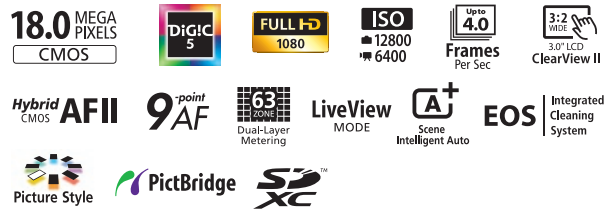
SD



EOS *REBEL* SL1

Small Size, Big Possibilities

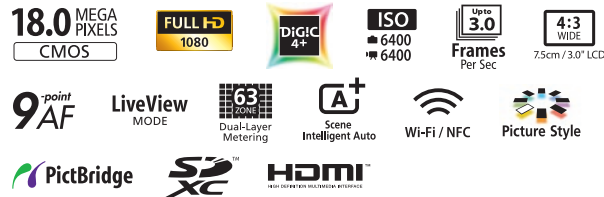
As Canon's smallest and lightest digital SLR camera, the EOS Rebel SL1 camera is small in size but enormous in performance. It has an 18.0 Megapixel CMOS (APS-C) sensor and Canon **DIGIC 5** Image Processor to help deliver images of outstanding quality. An ISO range of 100–12800 (expandable to H: 25600) for stills and 100–6400 (expandable to H: 12800) for video plus up to 4.0 fps continuous shooting make this camera superb in dim lighting or when capturing fast action. The 9-point AF system with a high-precision cross-type f/2.8 center point helps ensure outstanding autofocus performance when shooting with the viewfinder, while Hybrid CMOS AF II helps deliver accurate AF tracking during Live View shooting. Creative Filters add artistry to your shots, and are easily previewed on the wide Touch Screen 3.0-inch Clear View LCD monitor II. This is the DSLR you'll want to bring with you every day.



EOS *REBEL* T6

Share Photos that Impress

The camera with the quality your photos deserve, the EOS Rebel T6 can be ideal for smartphone or digital point-and-shoot camera users looking to step up their imaging game. It's equipped with an 18.0 Megapixel CMOS image sensor and the **DIGIC 4+** Image Processor for highly detailed, vibrant photos and videos even in low light. Whether you're out on an adventure hike or snapping candid of your friends during a late night out, the EOS Rebel T6 can help you take photos you'll want to show off. Built-in Wi-Fi** and NFC** connectivity make it easy to get your favorite pictures up on select social media sites for your friends, family and the world to see. If you're new to DSLRs, Scene Intelligent Auto mode can conveniently and automatically adjust the camera's settings to suit your subject. Easy to use and simple to share with, the EOS Rebel T6 delivers high image quality that's sure to catch the audience's eye.



* Compatible with iOS versions 8.4/9.3/10.2, Android smartphone and tablet versions 4.1/4.2/4.3/4.4/5.0/5.1/6.0/7.0/7.1. Data charges may apply with the download of the free Canon Camera Connect app. This app helps enable you to upload images to social media services. Please note that image files may contain personally identifiable information that may implicate privacy laws. Canon disclaims and has no responsibility for your use of such images. Canon does not obtain, collect or use such images or any information included in such images through this app.
** Compatible with Android smartphone and tablet versions 4.0/4.1/4.2/4.3/4.4/5.0/5.1/6.0/7.0/7.1.



EOS M6

Bring Inspiration to Go

The EOS M6 is an interchangeable-lens camera that puts advanced technologies like Dual Pixel CMOS AF with phase-detection in a compact and lightweight size. Ready at hand to help capture photos and videos the instant the moment happens, it focuses quickly and precisely to help ensure you catch the shot you want. The 24.2 Megapixel CMOS (APS-C) Sensor helps ensure your results are clear, incredibly detailed and vibrantly colorful. Once you've captured your most precious memories, you can easily share them with friends, family and the world through built-in wireless connectivity including Wi-Fi*, NFC** and Bluetooth***. Advanced technology and stunning image quality combine inside the stylish, highly portable EOS M6.

24.2 MEGA PIXELS
CMOS
TTL: 25.8 MP

DIGIC 7

FULL HD
1080

ISO
25600
6400

Upto 7.0
Frames
Per Sec

EOS
System
Accessories

Tilt-up 180° Tilt-down 45°
LCD

Dual Pixel CMOS AF

Remote Shooting

Creative Assist

Creative Filter

Wi-Fi / NFC

Bluetooth

Scene Intelligent Auto

Picture Style

PictBridge

SDXC

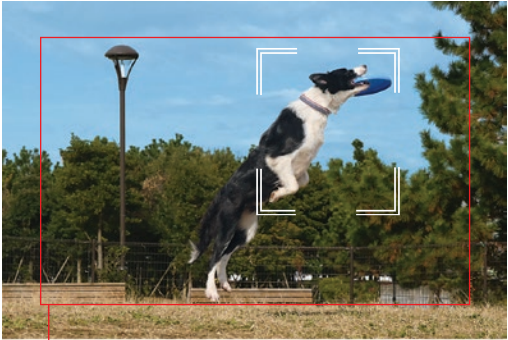


* Compatible with iOS versions 8.4/9.3/10.2, Android smartphone and tablet versions 4.1/4.2/4.3/4.4/5.0/5.1/6.0/7.0/7.1. Data charges may apply with the download of the free Canon Camera Connect app. This app helps enable you to upload images to social media services. Please note that image files may contain personally identifiable information that may implicate privacy laws. Canon disclaims and has no responsibility for your use of such images. Canon does not obtain, collect or use such images or any information included in such images through this app.
** Compatible with Android smartphone and tablet versions 4.0/4.1/4.2/4.3/4.4/5.0/5.1/6.0/7.0/7.1.
*** Compatible with select smartphone and tablet devices (Android version 5.0 or later and the following iOS devices: iPhone 4s or later, iPad 3rd gen. or later, iPod Touch 5th gen. or later) equipped with Bluetooth version 4.0 or later and the Camera Connect App Ver. 2.0.30. This application is not guaranteed to operate on all listed devices, even if minimum requirements are met.

AF Performance

Dual Pixel CMOS AF with DIGIC 7 Image Processor

With the EOS M6 camera's fast and accurate Dual Pixel CMOS AF, there's virtually no wait when capturing action-packed moments. Available when using Live View on the LCD touchscreen, it helps ensure your results are sharp, keeps the time it takes to lock focus onto your subject to a minimum and smoothly maintains focus where you want it, even if your subject is in motion, for both photos and videos. The **DIGIC 7** Image Processor keeps up the speed by powering the EOS M6 with high



Applicable area for phase-difference AF (approx. 80% x 80% of the focal plane)

image quality and fast operation, even in low light. When using high ISO settings, the improved noise reduction processing helps keep the image sharp and detailed in virtually any lighting situation.

Enhanced tracking and detection capabilities help keep subjects clear and in focus throughout the action, with improved face tracking so your friend or family member remains the subject of the photo.



High-precision tracking does not shift even when intersecting with another person.

Continuous Shooting up to 7.0 fps To help you get multiple images of a fast-moving subject and ensure you capture the moment you want, the EOS M6 camera is capable of taking up to 7.0 frames per second (up to 9.0 fps with AF Lock). Whether you're capturing an athlete scoring a goal or a toddler running after bubbles, the EOS M6 can take the shot and stay locked on thanks to its **DIGIC 7** Image Processor.

Upto 7.0
Frames
Per Sec



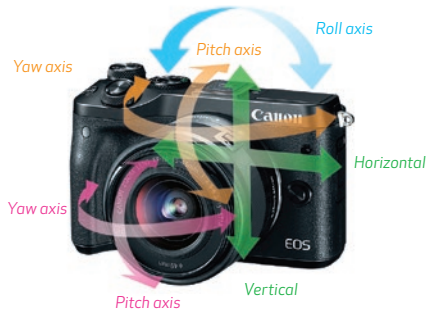
Image Quality

ISO 100–25600 The EOS M6 camera can capture sharp, detailed images in virtually any lighting situation thanks to an ISO range of 100–25600. When using high ISO settings, its **DIGIC 7** Image Processor helps ensure your photos and videos are captured in high quality thanks to its improved noise reduction processing.

ISO
25600
6400



Combination IS Even when you hold the camera as steady as you can, some unintentional shaking is possible. To counter this, the EOS M6 camera features Combination IS, which uses the camera's Digital IS with a compatible lens's



Optical IS to help lessen the chance of blur due to camera shake. The EOS M6 also features 5-axis Digital Image Stabilization^ when recording video, which digitally helps to minimize blur due to movement. These help ensure the videos you record are as sharp as possible.

Camera Control & Accessories

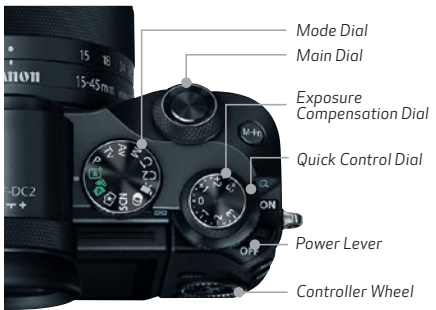
3.0-inch Tilt-type Touch Screen

The EOS M6 camera has a large, high-resolution, 3.0" LCD monitor that tilts up 180° and down 45°, ideal for composing not only self portraits, but also for taking pictures at high and low angles with ease. Its touch screen is designed to be fast and easy to use for many operations, allowing accessible AF selection right on the panel.



Five Functional Dials The EOS M6 camera features five dials so you have fast access to your photo settings. The Mode Dial lets you quickly change pictures modes. The Exposure Compensation Dial allows fine-tuning of the overall brightness of the image. The ergonomically positioned Quick Control and Main Dials, along

with the comfortably-placed Controller Wheel on the back, are all customizable for quick access to the settings you use most. A lever-type power switch makes turning the camera on and off as easy as flicking your thumb.



External EVF and EF Lenses To enhance its usability, the EOS M6 camera is compatible with optional external viewfinders such as the Electronic Viewfinder EVF-DC2, EF-M lenses designed specifically for the EOS M series of digital cameras, as well as the full line of Canon's EF and EF-S lenses^^.



^ Maximum image stabilization is achieved when using either the EF-M 18-150mm f/3.5-6.3 IS STM or the EF-M 15-45mm f/3.5-6.3 IS STM.
^^ Mount Adapter EF-EOS M is required when using EF/EF-S lenses for EOS M series digital cameras.



EOS M5

The New Dimension of Excellence

Compact. Powerful. Fast. The EOS M5 features the brilliant image quality you can expect from the EOS line of cameras, in a lightweight, portable design with fast autofocus and quick processing to help make sure you don't miss that unforgettable shot. Inside its rugged frame is a 24.2 Megapixel CMOS (APS-C) sensor that's able to capture sharp, high-resolution images even in low-light situations. Easy to keep on hand for virtually every situation, it's also fast enough to capture the moment thanks to Dual Pixel CMOS AF, which quickly and accurately locks onto your subject. A high-resolution electronic viewfinder and a 3.2-inch tilt-type LCD monitor offer versatility in lining up the angle you want. Equipped with these impressive features and a whole lot more, the EOS M5 can be ideal for advanced photographers, enthusiasts and anyone looking to capture and save the best moments from everyday life and beyond.



24.2 MEGA PIXELS
CMOS
TTL: 25.8 MP

ISO
25600
6400

EOS
System Accessories

OLED EVF
2,360,000 dots



EOS M10

The Power of an EOS Camera, Simplified

The EOS M10 camera combines Canon picture quality with a stylish, compact, lightweight and most of all, easy-to-use package. Equipped with a 3.0-inch tilt-type touch screen, the EOS M10 can help take great selfies. What's more, convenient settings like Creative Assist and Self Portrait simplify photo adjustments to help ensure your images are how you want them. When you're ready for the next level, the EOS M10 is compatible with a wide range of dedicated EF-M lenses, and the extensive range of EF* and EF-S* lenses. These features combine to make the EOS M10 worthy of the Canon legacy, while being conveniently wrapped in a slim, stylish camera.



18.0 MEGA PIXELS
CMOS
Total: 18.5 megapixels

ISO
12800
6400

EOS
System Accessories

* Mount Adapter EF-EOS M is required.

EOS Camera Comparison Chart

	EOS-ID X Mark II 	EOS 5DS 	EOS 5DS R 	EOS 5D Mark IV 	EOS 5D Mark III 	EOS 6D 
Autofocus System	61-point Area AF Sensor with full time red illumination in viewfinder; TTL secondary image-forming phase-difference detection system with AF-dedicated CMOS sensor that has max. of 41 cross-type points (lens dependent); One-Shot and AI Servo AF III with EOS iTR AF; Manual focusing confirmation possible with EF lenses; Automatic or manual focus point selection	61-Point High Density Reticular AF with Offset Array Sensor; TTL-AREA-SiR AF-dedicated CMOS Sensor with 41 cross-type points (lens dependent) One-Shot and AI Servo III AF; Manual focusing confirmation possible with EF lenses; Automatic or manual focus point selection	61-Point High Density Reticular AF with Offset Array Sensor; TTL-AREA-SiR AF-dedicated CMOS Sensor with 41 cross-type points (lens dependent) One-Shot and AI Servo III AF; Manual focusing confirmation possible with EF lenses; Automatic or manual focus point selection	61-point Area AF Sensor with full time red illumination in viewfinder; TTL secondary image-forming phase-difference detection system with AF-dedicated CMOS sensor that has max. of 41 cross-type points (lens dependent); One-Shot and AI Servo AF III with EOS iTR AF; Manual focusing confirmation possible with EF lenses; Automatic or manual focus point selection	61-Point High Density Reticular AF with Offset Array Sensor; TTL-AREA-SiR AF-dedicated CMOS Sensor with 41 cross-type points (lens dependent); One-Shot and AI Servo III AF; Manual focusing confirmation possible with EF lenses; Automatic or manual focus point selection	TTL-CT-SiR AF CMOS Sensor (only the center point is cross-type); One-Shot and AI Servo with Focus Prediction; AI Focus AF; Manual focusing confirmation possible with EF lenses; Automatic or manual point selection
Image Processor / Image Sensor	Dual DIGIC 6+ and dedicated DIGIC 6 for metering / 35.9 x 23.9mm, Single-plate CMOS Sensor with Carrier-wave System and Conventional System Sensor Cleaning	Dual DIGIC 6 / 36.0 x 24.0mm, Single-plate CMOS Sensor with Auto Sensor Cleaning	Dual DIGIC 6 / 36.0 x 24.0mm, Single-plate CMOS Sensor with Auto Sensor Cleaning	Dual DIGIC 6+ and dedicated DIGIC 6 for metering / 36.0 x 24.0mm, Single-plate CMOS sensor with Ultrasonic Vibration Sensor Cleaning	DIGIC 5+ / 36.0 x 24.0mm, Single-plate CMOS Sensor with Auto Sensor Cleaning	DIGIC 5+ / 35.8 x 23.9mm, Single-plate CMOS sensor with Auto Sensor Cleaning
Crop Factor	1.0x (Full-frame)	1.0/1.3/1.6x (Full-frame)	1.0/1.3/1.6x (Full-frame)	1.0x (Full-frame)	1.0x (Full-frame)	1.0x (Full-frame)
Special Features	• 20.2 Megapixel Full-frame CMOS sensor • Built-in 3.2" Clear View LCD II monitor (approx. 1,620,000 dots) • 34 Custom Functions in 7 groups • Dual Pixel CMOS AF • 2 Multi-controllers • Simultaneous RAW + JPEG image capture • Multiple Exposures • Dioptic adjustment • Depth of field preview • FE Lock • Mirror Lock • In-camera RAW processing • Star rating system • CFast 2.0** compatible • USB 3.0 SuperSpeed compatible • Magnesium alloy body • Picture Style (9 settings) • Dust removal feature • Live View Function & Face Detection Live mode • 4K Video with Still Frame Grab* • Full HD Video • Intelligent Viewfinder II • Lens aberration correction • Built-in GPS*	• 50.6 Megapixel Full-frame CMOS sensor • Built-in 3.2" Clear View II LCD monitor (approx. 1,040,000 dots) • 16 Custom Functions in 4 groups • Custom Quick Control Dial • Electronic Level • Simultaneous RAW + JPEG image capture • HDR Shooting with 5 effects • Multiple Exposures (4 modes) • Dioptic adjustment • Depth of field preview • FE Lock • Mirror Lock • In-camera RAW processing • Star rating system • USB 3.0 SuperSpeed Compatible • Aluminum and polycarbonate with glass fiber chassis • Picture Style • Dust reduction feature • Live View Function & Face Detection Live mode • Full HD Video • All-I or IPB Compression • Intelligent Viewfinder • Lens aberration correction • Anti-flicker feature	• 50.6 Megapixel Full-frame CMOS sensor • Low-pass filter cancellation effect** • Built-in 3.2" Clear View II LCD monitor (approx. 1,040,000 dots) • 16 Custom Functions in 4 groups • Custom Quick Control Dial • Electronic Level • Simultaneous RAW + JPEG image capture • HDR Shooting with 5 effects • Multiple Exposures (4 modes) • Dioptic adjustment • Depth of field preview • FE Lock • Mirror Lock • In-camera RAW processing • Star rating system • USB 3.0 SuperSpeed Compatible • Aluminum and polycarbonate with glass fiber chassis • Picture Style • Dust reduction feature • Live View Function & Face Detection Live mode • Full HD Video • All-I or IPB Compression • Intelligent Viewfinder • Lens aberration correction • Anti-flicker feature	• 30.4 Megapixel Full-frame CMOS sensor • Built-in 3.2" Clear View LCD II monitor (approx. 1,620,000 dots) • 17 Custom Functions in 5 groups • Dual Pixel CMOS AF • 1 Multi-controller • Custom Quick Control Dial • Electronic Level • Simultaneous RAW + JPEG image capture • HDR Shooting with 5 effects • Multiple Exposures • Dioptic adjustment • Depth of field preview • FE Lock • Mirror Lock • In-camera RAW processing • Star rating system • USB 3.0 SuperSpeed compatible • Magnesium alloy body • Dust removal feature • Picture Style (9 settings) • Dust reduction feature • Live View Function & Face Detection Live mode • All-I or IPB Compression • Full HD Video • Intelligent Viewfinder II • Lens aberration correction • Anti-Flicker feature • Built-in Wi-Fi** and NFC** • Built-in GPS*	• 22.3 Megapixel Full-frame CMOS sensor • Built-in 3.2" Clear View II LCD monitor (approx. 1,040,000 dots) • 13 Custom Functions in 3 groups • Multi-controller and Quick Control Dial • Dual Axis Electronic Level • Simultaneous RAW + JPEG image capture • HDR Shooting with 5 effects • Multiple Exposures (4 modes) • Dioptic adjustment • Depth of field preview • FE lock • Mirror lock • In-camera RAW processing • Star rating system • USB 2.0 Hi-Speed compatible • Magnesium-alloy body • Picture Style • Dust reduction feature • Live View Function & Face Detection Live mode • Full HD Video • SMPTE Time Code • All-I or IPB Compression • Intelligent Viewfinder • Lens aberration correction	• 20.2 Megapixel Full-frame CMOS sensor • Built-in 3.0" Clear View LCD monitor (approx. 1,040,000 dots) • Built-in wireless technology • Built-in GPS* • 20 Custom Functions in 3 groups • Simultaneous RAW + JPEG image capture • Multiple Exposures • Dioptic adjustment • FE Lock • Basic* • In-camera RAW processing • Star Rating System • USB 2.0 Hi-speed compatible • Picture Style • Dust reduction feature • Live View Function & Face Detection Live mode • Full HD Video • All-I or IPB Compression • SMPTE Time Code • Multi-shot Noise Reduction • Lens Aberration Correction
Video Recording Size	4096 x 2160 (4K); 60p (59.94) / 30p (29.97) / 24p / 23.98p, 1920 x 1080 (Full HD); 120p (119.9) / 60p (59.94) / 30p (29.97) / 24p / 23.98p	1920 x 1080 (Full HD): 30p (29.97) / 25p / 24p (23.976), 1280 x 720 (HD): 60p (59.94) / 50p, 640 x 480 (SD): 30p (29.97) / 25p	1920 x 1080 (Full HD): 30p (29.97) / 25p / 24p (23.976), 1280 x 720 (HD): 60p (59.94) / 50p, 640 x 480 (SD): 30p (29.97) / 25p	4096 x 2160 (4K)**; 30p (29.97) / 24p / 23.98p, 1920 x 1080 (Full HD): 60p (59.94) / 30p (29.97) / 24p / 23.98p, 1280 x 720 (HD): 120p (119.9)	1920 x 1080 (Full HD): 30p (29.97) / 25p / 24p (23.976), 1280 x 720 (HD): 60p (59.94) / 50p, 640 x 480 (SD): 30p (29.97) / 25p	1920 x 1080 (Full HD): 30p (29.97) / 25p / 24p (23.976), 1280 x 720 (HD): 60p (59.94) / 50p, 640 x 480 (SD): 30p (29.97) / 25p
Number of Focusing Points	61 selectable AF points, 41 cross-type points (lens dependent); 5 dual cross-type AF points, 61 AF points at f/8*	61 (Area AF Ellipse); 61 points selectable, 41 cross-type points (lens dependent); 5 diagonal cross-type points, AI Servo AF III	61 (Area AF Ellipse); 61 points selectable, 41 cross-type points (lens dependent); 5 diagonal cross-type points, AI Servo AF III	61 selectable AF points, 41 cross-type points (lens dependent); 5 dual cross-type AF points, 61 AF points at f/8	61 (Area AF Ellipse); 61 points selectable, 41 cross-type points (lens dependent); 5 diagonal cross-type points, AI Servo AF III	11; 1 Center Cross-type point; 11 point selectable (manually-selected AF point position used in horizontal/vertical shooting can be set separately)
ISO Range (Standard output sensitivity, Recommended exposure index.)	(Still) ISO 100–51200, L: 50, H: 102400, H2: 204800, H3: 409600 (Video) ISO 100–25600, H: 51200, H1: 102400, H2: 204800	(Still) ISO 100–6400, L: 50, H: 12800 (Video) ISO 100–6400, H: 12800	(Still) ISO 100–6400, L: 50, H: 12800 (Video) ISO 100–6400, H: 12800	(Still) ISO 100–32000, L: 50, H: 51200, H2: 102400 (4K Video) ISO 100–12800, H: 16000/20000/25600/32000, H1: 51200 (Full HD Video) ISO 100–25600, H: 32000, H1: 51200	(Still) ISO 100–25600, L: 50, H1: 51200, H2: 102400 (Video) ISO 100–12800, H: 25600	(Still) ISO 100–25600, L: 50, H1: 51200, H2: 102400 (Video) ISO 100–12800, H: 25600
Recording Media	CF Card (Type I, UDMA 7 supported) and CFast™ Card (CFast 2.0** supported)	1 UDMA CF/CF Card (Type I) and 1 SD/SDHC/SDXC (UHS-I Compatible) Memory Cards	1 UDMA CF/CF Card (Type I) and 1 SD/SDHC/SDXC (UHS-I Compatible) Memory Cards	CF Card (Type I, UDMA 7 supported), SD/SDHC/SDXC (UHS-I compatible) Memory Cards	1 UDMA CF/CF Card (Type I) and 1 SD/SDHC/SDXC Memory Card	SD/SDHC/SDXC (UHS-I Compatible) Memory Cards
Maximum Frames Per Second	Single, 14 fps**, 16 fps** in Live View Mode, 5 fps in Silent High-speed Continuous Shooting	Single, 5.0 fps, 3.0 fps	Single, 5.0 fps, 3.0 fps	Single, 7.0 fps**, 3.0 fps (low-speed and silent continuous)	Single, 3.0 fps, 6.0 fps	Single and 4.5 fps
Shutter Speeds	30–1/8000 sec. & Bulb; manually settable in 1/3-, 1/2- or 1-stop increments	30–1/8000 sec. & Bulb; manually settable in 1/3- or 1/2-stop increments	30–1/8000 sec. & Bulb; manually settable in 1/3- or 1/2-stop increments	30–1/8000 sec. & Bulb; manually settable in 1/3-, 1/2- or 1-stop increments	30–1/8,000 sec. & Bulb; manually settable in 1/3- or 1-stop increments	30–1/4000 sec. & Bulb; manually settable in 1/3- or 1/2-stop increments
Autofocus Sensitivity	Center AF Point: EV -3 to -18 (at ISO 100 with f/2.8 lens)	Center AF point: EV -2 to 18 (at ISO 100, f/2.8); Four AF points (top/bottom center focusing); EV -1 to 18 (at ISO 100, f/2.8); Center AF Point: EV -1 to 18 (at ISO 100, f/5.6); Peripheral AF points: EV +0.5 to 18 (at ISO 100, f/5.6)	Center AF point: EV -2 to 18 (at ISO 100, f/2.8); Four AF points (top/bottom center focusing); EV -1 to 18 (at ISO 100, f/2.8); Center AF Point: EV -1 to 18 (at ISO 100, f/5.6); Peripheral AF points: EV +0.5 to 18 (at ISO 100, f/5.6)	Center AF Point: EV -3 to -18 (at ISO 100 with f/2.8 lens)	EV -2 to 18 (at ISO 100 with f/1.4 lens)	Center AF Point: EV -3 to 18 (at ISO 100) Other AF Points: EV -0.5 to 18 (at ISO 100)
Autofocus Auxiliary Light Built-in	–	–	–	–	–	–
Shutter	Vertical-travel, mechanical, focal-plane shutter with all speeds electronically controlled	Vertical-travel, mechanical, focal-plane shutter with all speeds electronically controlled	Vertical-travel, mechanical, focal-plane shutter with all speeds electronically controlled	Vertical-travel, mechanical, focal-plane shutter with all speeds electronically controlled	Vertical-travel, focal-plane shutter with soft-touch electromagnetic release, all speeds electronically controlled	Vertical-travel, mechanical, focal-plane shutter with all speeds electronically controlled
Maximum Flash Synchronization Speed	Up to 1/250 sec.	Up to 1/200 sec.; high-speed sync. Available with EX-series Speedlite flashes	Up to 1/200 sec.; high-speed sync. Available with EX-series Speedlite flashes	Up to 1/200 sec.; high-speed sync. available with all EX-series Speedlite flashes	Up to 1/200 sec.; high-speed sync. available with EX-series Speedlite flashes	Up to 1/180 sec.; high-speed sync. available with EX-series Speedlite flashes
Metering System	• TTL full-aperture metering; • 216-zone Evaluative metering • Approx. 6.2% Partial metering • Approx. 1.5% Spot metering • Center spot metering • AF point-linked spot metering • Multi-spot metering • Center-weighted average metering	• TTL full-aperture metering; • 252-zone Evaluative metering • 6.1% Partial metering • 1.3% Spot metering • Center-weighted average metering	• TTL full-aperture metering; • 252-zone Evaluative metering • 6.1% Partial metering • 1.3% Spot metering • Center-weighted average metering	• TTL full-aperture metering; • 315-zone Evaluative metering • Approx. 6.3% Partial metering • Approx. 2.7% Spot metering • Center-weighted average metering	• TTL full-aperture metering; • 63-zone Evaluative metering • 7.2% Partial metering • 1.5% Spot metering (Center Point) • Center-Weighted average metering	• TTL full-aperture metering; • 63-zone Evaluative metering • Approx. 8% Partial metering • Approx. 3.5% Spot metering • Center-weighted average metering
Metering Sensitivity	EV 0–20 (at 73°F/23°C, ISO 100, with evaluative metering)	EV 0–20 (at ISO 100)	EV 0–20 (at ISO 100)	EV 0–20 (at 73°F/23°C, ISO 100)	EV 0–20 for all patterns (at ISO 100 with f/1.4 lens)	EV 0–20 (at ISO 100 with f/1.4 lens)
Exposure Compensation	Manual: +5 stops in 1/3-stop or 1/2-stop increments; AEB: +3 stops in 1/3-stop or 1/2-stop increments	+5 stops in 1/3- or 1/2-stop increments	+5 stops in 1/3- or 1/2-stop increments	Manual: +5 stops in 1/3-stop or 1/2-stop increments; AEB: +3 stops in 1/3-stop or 1/2-stop increments	+5 stops in 1/3- or 1/2-stop increments	+5 stops in 1/3- or 1/2-stop increments
Flash Exposure Compensation	Up to +3 stops in 1/3-stop or 1/2-stop increments	+3 stops in 1/3-stop or 1/2-stop increments	+3 stops in 1/3-stop or 1/2-stop increments	Up to +3 stops in 1/3-stop or 1/2-stop increments	+3 stops in 1/3- or 1/2-stop increments	+3 stops in 1/3- or 1/2-stop increments
AE Lock	Yes	Yes	Yes	Yes	Yes	Yes
Exposure Modes	• Program AE (shiftable) • Shutter Speed-priority AE (Safety shift possible) • Aperture-priority AE (Safety shift possible) • Manual Exposure • Bulb • Custom (Three Custom shooting modes)	• Shutter-priority AE • Aperture-priority AE • Program AE (shiftable) • Manual Exposure • Scene Intelligent Auto • Bulb	• Shutter-priority AE • Aperture-priority AE • Program AE (shiftable) • Manual Exposure • Scene Intelligent Auto • Bulb	• Scene Intelligent Auto • Program AE (shiftable) • Shutter Speed-priority AE (Safety shift possible) • Aperture-priority AE (Safety shift possible) • Manual Exposure • Bulb • Custom (Three Custom shooting modes)	• Shutter Speed-priority AE • Shutter-priority AE • Program AE (shiftable) • Manual Exposure • Scene Intelligent Auto • E-TTL II Flash AE • Bulb	• Program AE • Shutter Speed-priority AE • Aperture-priority AE • Manual Exposure • Scene Intelligent Auto • Creative Auto • E-TTL II Flash AE • Bulb
Viewfinder	Fixed eye-level pentaprism	Fixed eye-level pentaprism	Fixed eye-level pentaprism	Fixed eye-level pentaprism	Fixed eye-level pentaprism	Fixed eye-level pentaprism
Viewfinder Coverage	Approx. 100% horizontal and vertical at 0.76x	Approx. 100% horizontal and vertical at 0.71x	Approx. 100% horizontal and vertical at 0.71x	Approx. 100% horizontal and vertical at 0.71x	Approx. 100% horizontal and vertical at 0.71x	Approx. 97% horizontal and vertical at 0.71x
Viewfinder Information	Inside the picture area: Sixty-one focusing points, 1.5% Spot metering circle. Displayed at the bottom and side of the viewing area: Numeric and textual information with 7-segment LCD • Shutter speed • Aperture value • AE Lock • FE Lock • Shots remaining • Maximum burst • Metering mode • Exposure compensation / Flash compensation • Flash ready / High-speed sync • Highlight Tone Priority (D+) • Focus confirmation • White balance • ISO speed • JPEG indicator • RAW indicator • Battery check • Memory card full warning • Shooting mode • Electronic level (dedicated indicator) • AF status indicator • AF area selection modes • AF point information • Spot metering circle • Grid display • Metering mode • Drive mode • AF operation • Flicker detection • Warning symbol	Inside the picture area: Sixty-one focusing points, 1.3% Spot metering circle. Displayed at the bottom of the viewing area: Numeric and textual information with 7-segment LCD • Shutter speed • Aperture value • AE Lock • FE Lock • Shots remaining • Maximum burst • Multi-spot readings • Metering Pattern • Manual Exposure level • Exposure compensation / Flash compensation • Exposure bracketing • Flash ready / Hi-speed sync • Highlight Tone Priority (D+) • Focus confirmation • White Balance +/- • ISO speed • JPEG indicator • RAW indicator • Battery check • Memory card full warning • Shooting Mode • Electronic Level • AF Indicator	Inside the picture area: Sixty-one focusing points, 1.3% Spot metering circle. Displayed at the bottom of the viewing area: Numeric and textual information with 7-segment LCD • Shutter speed • Aperture value • AE Lock • FE Lock • Shots remaining • Maximum burst • Multi-spot readings • Metering Pattern • Manual Exposure level • Exposure compensation / Flash compensation • Exposure bracketing • Flash ready / Hi-speed sync • Highlight Tone Priority (D+) • Focus confirmation • White balance +/- • ISO speed • JPEG indicator • RAW indicator • Battery check • Memory card full warning • Shooting Mode • Electronic Level • AF Indicator	Inside the picture area: Sixty-one focusing points, 1.3% Spot metering circle. Displayed at the bottom of the viewing area: Numeric and textual information with 7-segment LCD • Shutter speed • Aperture value • AE Lock • FE Lock • Shots remaining • Maximum burst • Metering mode • Exposure compensation / Flash compensation • Flash ready / High-speed sync • Highlight Tone Priority (D+) • Focus confirmation • White balance • ISO speed • JPEG indicator • RAW indicator • Battery check • Memory card full warning • Shooting mode • Electronic level (dedicated indicator) • AF status indicator • AF area selection modes • AF point information • Spot metering circle • Grid display • Drive mode • AF operation • Flicker detection • Warning symbol • Digital Lens Optimizer • Dual Pixel RAW shooting	Inside the picture area: Sixty-one focusing points, 1.5% Spot metering circle. Displayed at the bottom of the viewing area: Numeric and textual information with 7-segment LCD • Shutter speed • Aperture value • AE Lock • FE Lock • Shots remaining • Maximum burst • Multi-spot readings • Metering Pattern • Manual Exposure level • Exposure compensation / Flash compensation • Exposure bracketing • Flash ready / Hi-speed sync • Highlight Tone Priority (D+) • Focus confirmation • White Balance +/- • ISO speed • JPEG indicator • RAW indicator • Battery check • Memory card full warning • Shooting Mode • Electronic Level • AF Indicator	• Shutter speed • Aperture value • AE lock • FE lock • Maximum burst • Exposure level / Exposure Warning • Flash Exposure compensation • Flash ready / High-speed sync • Highlight Tone Priority (D+) • Focus Confirmation • White Balance +/- • ISO Speed • JPEG indicator • RAW indicator • Battery Check • Memory card full warning • Shooting Mode • Electronic Level (Horizontal only)
Focusing Screens	Intelligent Viewfinder II with adaptable LCD overlay displaying Compositional Grid, AF Selection Modes, AF Points, Area AF Frame and Spot Metering Circle; focusing screen Ec-C6 provided, can be changed to Ec-A, B or L	Intelligent Viewfinder with adaptable LCD overlay displaying Electronic Level (non-interchangeable)	Intelligent Viewfinder with adaptable LCD overlay displaying Electronic Level (non-interchangeable)	Intelligent Viewfinder II with adaptable LCD overlay displaying Electronic Level (non-interchangeable)	Intelligent Viewfinder with adaptable LCD overlay displaying Dual Axis Electronic Level (Non-interchangeable)	Standard screen Eg-A II. Interchangeable with precision laser-matte with grid Eg-D and super precision laser-matte Eg-S; incompatible with Eg-A
Self-Timer	Electronically controlled with 2- or 10-second delay	Electronically controlled with 2- or 10-second delay	Electronically controlled with 2- or 10-second delay	Electronically controlled with 2- or 10-second delay	Electronically controlled with 2- or 10-second delay	Electronically controlled with 2- or 10-second delay
Body Dimensions (W x H x D)	Approx. 6.2 x 6.6 x 3.3 in. / 158.0 x 167.6 x 82.6mm	Approx. 6.0 x 4.6 x 3.0 in. / 152.0 x 116.4 x 76.4mm	Approx. 6.0 x 4.6 x 3.0 in. / 152.0 x 116.4 x 76.4mm	Approx. 5.9 x 4.6 x 3.0 in. / 150.7 x 116.4 x 75.9mm	Approx. 6.0 x 4.6 x 3.0 in. / 152 x 116.4 x 76.4mm	Approx. 5.7 x 4.4 x 2.8 in. / 144.5 x 110.5 x 71.2mm
Weight (CIPA standards)	Approx. 54.0 oz. / 1530g	Approx. 32.8 oz. / 930g	Approx. 32.8 oz. / 930g	Approx. 31.4 oz. / 890g	Approx. 33.5 oz. / 950g	Approx. 26.7 oz. / 755g

* Saving a still image from a single movie frame does not result in the same image quality as a normal still image. ** Continuous shooting speed may vary depending on the shutter speed, the aperture, the lens being used, the battery charge and various camera settings. * 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. ** The possibility of moiré and color artifacts is greater due to the LPF cancellation function. # Except when using the Canon EF 50mm f/2.5 Macro, EF 100mm f/2.8 Macro, EF 100mm f/2.8 Macro USM, EF 100mm f/2.8L Macro IS USM and EF 28-80mm f/2.8-4L USM lenses.

^ Compatible with iOS® versions 8.4/9.3/10.2, Android™ smartphone and tablet versions 4.1/4.2/4.3/4.4/5.0/5.1/6.0/7.0/7.1. Data charges may apply with the download of the free Canon Camera Connect app. This app helps enable you to upload images to social media services. Please note that image files may contain personally identifiable information that may implicate privacy laws. Canon disclaims and has no responsibility for your use of such images. Canon does not obtain, collect or use such images or any information included in such images through this app. ^^ Compatible with Android™ smartphone and tablet versions 4.0/4.1/4.2/4.3/4.4/5.0/5.1/6.0/7.0/7.1. ## 4K requires the following write speed requirements: CF UDMA7 (100MB/sec. or faster); SD UHS-I (90MB/sec. or higher).

EOS Camera Comparison Chart

	EOS 7D Mark II	EOS 80D	EOS 77D	EOS 70D	EOS Rebel T7i	EOS Rebel T6s / T6i
Autofocus System	TTL secondary image-forming phase-difference detection system with AF-dedicated CMOS sensor; Automatic or manual focus point selection	TTL secondary image-forming phase-difference detection system with AF-dedicated CMOS sensor that has max. 45 points (all points are cross-type); One-Shot, AI Servo AF II and AI Focus AF; Manual focusing confirmation possible with EF and EF-S lenses; Automatic or manual point selection	TTL secondary image-forming phase-difference detection system with AF-dedicated CMOS sensor that has max. 45 points (all points are cross-type); One-Shot, AI Servo AF II and AI Focus AF; Manual focusing confirmation possible with EF and EF-S lenses; Automatic or manual point selection	TTL-CT-SiR AF CMOS Sensor (all points are cross-type); One-Shot and AI Servo AF with Focus Prediction; AI Focus AF; Manual focusing confirmation possible with EF and EF-S lenses; Automatic or manual point selection	TTL secondary image-forming phase-difference detection system with AF-dedicated CMOS sensor that has max. 45 points (all points are cross-type); One-Shot, AI Servo AF II and AI Focus AF; Manual focusing confirmation possible with EF and EF-S lenses; Automatic or manual point selection	TTL-CT-SiR AF CMOS sensor (all points are cross-type); One-Shot and AI Servo AF with Focus Prediction; AI Focus AF; Manual Focusing confirmation possible with EF and EF-SE Lenses; Automatic or manual focus point selection
Image Processor / Image Sensor	Dual DIGIC 6 / 22.4 x 15.0mm, Single-plate CMOS Sensor with Sensor Auto Cleaning	DIGIC 6 / 22.3 x 14.9mm, Single-plate CMOS sensor with Auto Sensor Cleaning	DIGIC 7 / 22.3 x 14.9mm, Single-plate CMOS sensor	DIGIC 5+ / 22.4 x 15.0mm, Single-plate CMOS sensor with Auto Sensor Cleaning	DIGIC 7 / 22.3 x 14.9mm, Single-plate CMOS sensor	DIGIC 6 / 22.3 x 14.9mm, Single-plate CMOS sensor with Auto Sensor Cleaning
Crop Factor	1.6x (APS-C)	1.6x (APS-C)	1.6x (APS-C)	1.6x (APS-C)	1.6x (APS-C)	1.6x (APS-C)
Special Features	• 20.2 Megapixel CMOS sensor • Built-in 3.0" Clear View II LCD monitor (approx. 1,040,000 dots) • Built-in GPS technology* • 18 custom functions in 5 groups • Dual Pixel CMOS AF • Simultaneous RAW + JPEG image capture • Intelligent Viewfinder II Display • Multiple Aspect Ratios • FE Lock • Feature Guide • Basic+ • High Dynamic Range • Multiple Exposures • Creative Filters with real-time display • Full HD Video Movie Servo AF • All-I or IPB Compression • EOS Scene Detection Technology, Scene Intelligent Auto and Picture Style Auto • Dioptic adjustment • In-camera RAW processing • Star Rating System • USB 3.0 SuperSpeed compatible • Lens Aberration Correction • Dual card slots for CF and SD cards • EOS iTR AF with ISO,000-pixel RGB+IR metering sensor • Digital Compass	• 24.2 Megapixel CMOS Sensor • Built-in Vari-angle Touch Screen 3.0" Clear View LCD II monitor (approx. 1,040,000 dots) • 26 Custom Functions in 65 Settings • Dual Pixel CMOS AF • Simultaneous RAW + JPEG Image Capture • Multiple Aspect Ratios • FE Lock • Feature Guide • Multi-shot Noise Reduction • High Dynamic Range • Multiple Exposures • Handheld Night Scene mode • HDR Backlight Control mode • Creative Filters with real-time display • All-I or IPB Compression • Dioptic adjustment • In-camera RAW processing • Star rating system • Video Snapshot • USB 2.0 Hi-speed compatible • EOS Scene Detection Technology, Scene Intelligent Auto and Picture Style Auto • Full HD Video with Movie Servo AF • Intelligent Viewfinder • Lens aberration correction • Built-in Wi-Fi[™] and NFC[™]	• 24.2 Megapixel CMOS sensor • Built-in Vari-angle Touch Screen 3.0" Clear View LCD II monitor (approx. 1,040,000 dots) • 14 Custom Functions in 4 groups • Dual Pixel CMOS AF • Quick Control Dial • Electronic Level • Simultaneous RAW + JPEG image capture • Dioptic adjustment • Depth of field preview • FE Lock • Mirror Lock • Feature Guide • Peripheral illumination correction • Chromatic aberration correction • Diffractive blur correction • Handheld Night Scene mode • HDR Backlight Control mode • Creative Filters • Star rating system • USB 2.0 Hi-Speed Compatible • Picture Style (9 settings) • Dust removal feature • Live View Function & Face Detection Live mode • All-I or IPB Compression • Full HD Video • Video Snapshot • EOS Scene Detection Technology, Scene Intelligent Auto and Picture Style Auto • Multiple Aspect Ratios • In-camera RAW processing • Video Snapshot • USB 2.0 Hi-speed compatible • Lens Aberration Correction	• 20.2 Megapixel CMOS sensor • Built-in Vari-angle Touch Screen 3.0" Clear View LCD II monitor (approx. 1,040,000 dots) • Built-in wireless technology • 23 custom functions in 4 groups • Dual Pixel CMOS AF • Simultaneous RAW + JPEG image capture • Intelligent Viewfinder Display • Multiple Aspect Ratios • FE Lock • Feature Guide • Basic+ • Multi-shot Noise Reduction • High Dynamic Range • Multiple Exposures • Handheld Night Scene mode • HDR Backlight Control mode • Creative Filters with real-time display • Full HD Video with Movie Servo AF • All-I or IPB Compression • EOS Scene Detection Technology, Scene Intelligent Auto and Picture Style Auto • Dioptic adjustment • In-camera RAW processing • Star Rating System • Video Snapshot • USB 2.0 Hi-speed compatible • Lens Aberration Correction	• 24.2 Megapixel CMOS sensor • Built-in Vari-angle Touch Screen 3.0" Clear View LCD II monitor (approx. 1,040,000 dots) • 15 Custom Functions in 4 groups • Dual Pixel CMOS AF • Electronic Level • Simultaneous RAW + JPEG image capture • Dioptic adjustment • Depth of field preview • FE Lock • Mirror Lock • Feature Guide • Peripheral illumination correction • Chromatic aberration correction • Diffractive blur correction • Handheld Night Scene mode • HDR Backlight Control mode • Creative Filters • Star rating system • USB 2.0 Hi-Speed Compatible • Picture Style (9 settings) • Dust removal feature • Live View Function & Face Detection Live mode • All-I or IPB Compression • Full HD Video • Video Snapshot • EOS Scene Detection Technology, Scene Intelligent Auto and Picture Style Auto • Multiple Aspect Ratios • Intelligent Viewfinder • Lens aberration correction • Anti-flicker feature • Built-in Wi-Fi[™], NFC[™] and Bluetooth[®]***	• 24.2 Megapixel CMOS sensor • Built-in Vari-angle Touch Screen 3.0" Clear View LCD II monitor (approx. 1,040,000 dots) • 14 Custom Functions in 41 Settings (T6s only) • 13 Custom Functions in 39 Settings (T6i only) • Quick Control Dial (T6s only) • Top LCD panel (T6s only) • Hybrid CMOS AF III • Simultaneous RAW + JPEG image capture • FE Lock • Mirror Lock • Feature Guide • Basic+ • Multi-shot Noise Reduction • Creative Filters with real-time display • HDR Backlight Control mode • HDR Movie (T6s only) • Handheld Night Scene mode • Full HD Video with Movie Servo AF • EOS Scene Detection Technology • Scene Intelligent Auto and Picture Style Auto • Dioptic Adjustment • Multiple Aspect Ratios • Video Snapshot • USB 2.0 Hi-Speed Compatible • Built-in Flash with Speedlite Transmitter • Lens Aberration Correction • Built-in Wi-Fi[™] and NFC[™] • Anti-flicker feature
Video Recording Size	1920 x 1080 (Full HD): 60p (59.94) / 50 p / 30p (29.97) / 25p / 24p (23.98), 1280 x 720 (HD): 60p (59.94) / 50p, 640 x 480 (SD): 30p (29.97) / 25p	1920 x 1080 (Full HD): 60p (59.94) / 30p (29.97) / 24p (23.98), 1280 x 720 (HD): 60p (59.94) / 30p (29.98)	1920 x 1080 (Full HD): 60p (59.94) / 30p (29.97) / 23.98p, 1280 x 720 (HD): 60p (59.94) / 30p (29.97), 640 x 480 (SD): 30p (29.97)	1920 x 1080 (Full HD): 30p (29.97) / 25p / 24p (23.976), 1280 x 720 (HD): 60p (59.94) / 50p, 640 x 480 (SD): 30p (29.97) / 25p	1920 x 1080 (Full HD): 60p (59.94) / 30p (29.97) / 23.98p, 1280 x 720 (HD): 60p (59.94) / 30p (29.97), 640 x 480 (SD): 30p (29.97)	1920 x 1080 (Full HD): 30p (29.97) / 25p / 24p (23.976), 1280 x 720 (HD): 60p (59.94) / 50p, 640 x 480 (SD): 30p (29.97) / 25p
Number of Focusing Points	65 [°] ; Each AF point has cross-type sensors; Center AF point is dual high-precision cross-type sensor with f/2.8 or faster lenses	45 [°] ; Each point has cross-type sensors; Center AF point has additional high-precision, dual cross-type sensor with f/2.8 or faster lenses	45 [°] ; Each point has cross-type sensors; Center AF point has additional high-precision, dual cross-type sensor with f/2.8 or faster lenses	19; Each point has cross-type sensors; Center AF point has additional high-precision, dual cross-type sensor with f/2.8 or faster lenses	45 [°] ; Each point has cross-type sensors; Center AF point has additional high-precision, dual cross-type sensor with f/2.8 or faster lenses	19; Each point has cross-type sensors; Center AF point has additional high-precision dual cross-type sensor with f/2.8 or faster lenses
ISO Range (Standard output sensitivity. Recommended exposure index.)	(Still) ISO 100–16000, H1: 25600, H2: 51200 (Video) ISO 100–16000, H: 25600	(Still) ISO 100–16000, H: 25600 (Video) ISO 100–12800, H: 25600	(Still) ISO 100–25600, H1: 51200 (Video) ISO 100–12800, H1: 25600	(Still) ISO 100–12800, H: 25600 (Video) ISO 100–6400, H: 12800	(Still) ISO 100–25600, H1: 51200 (Video) ISO 100–12800, H1: 25600	(Still) ISO 100–12800, H: 25600 (Video) ISO 100–6400, H: 12800
Recording Media	CF Card (Type I); Compatible with UDMA CF cards; SD, SDHC, and SDXC Memory Cards	SD/SDHC/SDXC (UHS-I and Eye-Fi Compatible) Memory Cards	SD/SDHC/SDXC (UHS-I and Eye-Fi compatible) Memory Cards	SD/SDHC/SDXC (UHS-I Compatible) Memory Cards	SD/SDHC/SDXC (UHS-I B1/D30 Eye-Fi compatible) Memory Cards	SD/SDHC/SDXC (UHS-I Compatible) Memory Cards
Maximum Frames Per Second	Single, 10.0 fps, 3.0 fps (low-speed), 4.0 fps (silent continuous)	Single and 7.0 fps	Single and 6.0 fps	Single and 7.0 fps	Single and 6.0 fps	Single, 5.0 fps, 3.0 fps
Shutter Speeds	30–1/8000 sec. & Bulb, manually settable in 1/3- or 1/2-stop increments	30–1/8000 sec. & Bulb, manually settable in 1/3- or 1/2-stop increments	30–1/4000 sec. & Bulb; manually settable in 1/3- or 1/2-stop increments	30–1/8000 sec. & Bulb, manually settable in 1/3- or 1/2-stop increments	30–1/4000 sec. & Bulb; manually settable in 1/3- or 1/2-stop increments	30–1/4000 sec. & Bulb, manually settable in 1/3- or 1/2 stop increments
Autofocus Sensitivity	Center AF Point: EV -3 to 18 (at ISO 100) Other AF Points: EV -0.5 to 18 (at ISO 100)	Center AF point f/2.8: EV -3 to 18 (at ISO 100, f/2.8)	Center AF Point: EV -3–18 (at ISO 100 with f/2.8 lens)	Center AF point: EV -0.5 to 18 (at ISO 100) Other AF points: EV 0 to 18 (at ISO 100)	Center AF Point: EV -3–18 (at ISO 100 with f/2.8 lens)	Single, Center point: EV -0.5 to 18 (at ISO 100) Other AF points: EV 0 to 18 (at ISO 100)
Autofocus Auxiliary Light Built-in	Yes (via built-in flash)	Yes (via built-in flash)	–	Yes (via built-in flash)	–	Yes (via built-in flash)
Shutter	Vertical-travel, mechanical, focal-plane shutter with all speeds electronically controlled	Vertical-travel, mechanical, focal-plane shutter with all speeds electronically controlled	Vertical-travel, mechanical, focal-plane shutter with all speeds electronically controlled	Vertical-travel, mechanical, focal-plane shutter with all speeds electronically controlled	Vertical-travel, mechanical, focal-plane shutter with all speeds electronically controlled	Vertical-travel, mechanical, focal-plane shutter with all speeds electronically controlled
Maximum Flash Synchronization Speed	Up to 1/250 sec.; high-speed sync. available with EX-series Speedlite flashes	Up to 1/250 sec.; high-speed sync. available with EX-series Speedlite flashes	Up to 1/200 sec.; high-speed sync. available with all EX-series Speedlite flashes.	Up to 1/250 sec.; high-speed sync. available with EX-series Speedlite flashes	Up to 1/200 sec.; high-speed sync. available with all EX-series Speedlite flashes.	Up to 1/200 sec.; high-speed sync. Available with EX-series Speedlite Flashes
Metering System	TTL full-aperture metering; • 252-zone Evaluative metering • 6% Partial metering • 1.8% Spot metering • Center-weighted average metering	TTL full-aperture metering; • 63-zone Evaluative metering • Approx. 6.0% Partial metering • Approx. 3.8% Spot metering • Center-weighted average metering	TTL full-aperture metering; • 315-zone Evaluative metering • Approx. 7.7% Partial metering • Approx. 2.6% Spot metering • Center-weighted average metering	TTL full-aperture metering; • 315-zone Evaluative metering • Approx. 6.0% Partial metering • Approx. 2.6% Spot metering • Center-weighted average metering	TTL full-aperture metering; • 315-zone Evaluative metering • Approx. 6.0% Partial metering • Approx. 2.6% Spot metering • Center-weighted average metering	TTL full-aperture metering; • 63-zone Evaluative metering • 6.0% Partial metering • 3.5% Spot metering • Center-weighted average metering
Metering Sensitivity	EV 0–20 (with evaluative metering at ISO 100)	EV 1–20 (ISO 100, with evaluative metering)	EV 0–20 (at ISO 100)	EV 0–20 (at ISO 100 with f/1.4 lens)	EV 0–20 (at ISO 100)	EV 1–20 (at ISO 100)
Exposure Compensation	±5 stops in 1/3- or 1/2-stop increments	Manual: ±5 stops in 1/3-stop or 1/2-stop increments; AEB: ±3 stops in 1/3-stop or 1/2-stop increments	Manual: ±5 stops in 1/3-stop or 1/2-stop increments; AEB: ±3 stops in 1/3-stop or 1/2-stop increments	±5 stops in 1/3- or 1/2-stop increments	Manual: ±5 stops in 1/3-stop or 1/2-stop increments; AEB: ±3 stops in 1/3-stop or 1/2-stop increments	±5 stops in 1/3-stop or 1/2-stop increments
Flash Exposure Compensation	Up to ±3 stops in 1/3- or 1/2-stop increments	Up to ±3 stops in 1/3-stop or 1/2-stop increments	Up to ±2 stops in 1/3-stop or 1/2-stop increments	Up to ±3 stops in 1/3- or 1/2-stop increments	Up to ±2 stops in 1/3-stop or 1/2-stop increments	Up to ±2 stops in 1/3- or 1/2-stop increments
AE Lock	Yes	Yes	Yes	Yes	Yes	Yes
Exposure Modes	• Scene Intelligent Auto • Program AE (shiftable) • Shutter Speed-priority AE • Aperture-priority AE • Manual Exposure • Bulb • Custom Shooting Mode C1 or C2 • Aperture-priority AE • Manual Exposure • Bulb	• Program AE (shiftable) • Shutter Speed-priority AE • Aperture-priority AE • Manual Exposure • Bulb • Custom Shooting Mode C1 or C2 • Scene Intelligent Auto (Program AE/non-shiftable) • Flash off • Creative Auto • Special Scene • Creative Filters	• Scene Intelligent Auto • Program AE (shiftable) • Shutter Speed-priority AE • Aperture-priority AE (Safety shift possible) • Aperture-priority AE (Safety shift possible) • Manual Exposure • Bulb • Custom (Three Custom shooting modes) • Manual Exposure • Bulb • Custom (Three Custom shooting modes)	• Program AE • Shutter Speed-priority AE • Aperture-priority AE • Manual Exposure • Bulb • Custom Shooting mode • Scene Intelligent Auto • Flash Off • Creative Auto • Programmed AE with ambience selection • E-TTL II Flash AE	• Scene Intelligent Auto • Program AE (shiftable) • Shutter Speed-priority AE • Aperture-priority AE (Safety shift possible) • Aperture-priority AE (Safety shift possible) • Manual Exposure • Bulb • Custom (Three Custom shooting modes) • Manual Exposure • Bulb • Custom (Three Custom shooting modes)	• Program AE • Shutter Speed-priority AE • Aperture-priority AE • Manual Exposure • Bulb • Automatic depth of field AE • Scene Intelligent Auto • Flash Off • Creative Auto • Programmed AE with ambience selection • E-TTL II Flash AE
Viewfinder	Fixed eye-level pentaprism	Fixed eye-level pentaprism	Fixed eye-level pentamirror	Fixed eye-level pentaprism	Fixed eye-level pentamirror	Fixed eye-level pentamirror
Viewfinder Coverage	Approx. 100% horizontal/vertical at 1.0x	Approx. 100% horizontal and vertical at 0.95x	Approx. 95% horizontal and vertical at 0.82x	Approx. 98% horizontal and vertical at 0.95x	Approx. 95% horizontal and vertical at 0.82x	Approx. 95% horizontal and vertical at 0.82x
Viewfinder Information	Inside the picture area: Sixty-five focusing points, 1.8% Spot metering circle, Compositional Grid. Displayed at the bottom of the viewing area: Numeric and textual information with 7-segment LCD • Shutter speed • Aperture value • ISO speed • AE Lock • FE Lock • Maximum burst • Exposure level • Exposure level • Flash exposure compensation • Flash ready / High-speed sync • Focus confirmation • Highlight Tone Priority (D+) • Red-eye reduction lamp • Battery check • Grid display • AF Status • White Balance • JPEG/RAW • Memory Card Full warning • Electronic level	Inside the picture area: Forty-five focusing points, 3.8% Spot metering circle. Displayed at the bottom and top of the viewing area: Numeric and textual information with 7-segment LCD • Shutter speed • Aperture value • AE Lock • FE Lock • Maximum burst • Exposure level • Flash exposure compensation • Flash ready / High-speed sync • Highlight Tone Priority (D+) • Red-eye Reduction Light • AF area selection modes • AF point (focusing point) information • Area AF frame • ISO speed • Battery check • Grid display • Electronic level (Horizontal only) • Spot metering circle • Aspect line (4:3, 16:9, 1:1) • Flicker detection • Warning symbol	Inside the picture area: Forty-five focusing points, 3.5% Spot metering circle. Displayed at the bottom and top of the viewing area: Numeric and textual information with 7-segment LCD • Shutter speed • Aperture value • AE lock • FE Lock • Maximum burst • Exposure level / Exposure Warning • Flash Exposure Compensation • Flash ready / High-speed sync • Flash-ready • High-speed sync • AF points • Flash ready / High-speed sync • Focus indicator • Highlight Tone Priority (D+) • Red-eye reduction lamp • AF point selection • ISO speed • Grid • Electronic level • Spot metering circle • Aspect ratio line • Flicker detection • Focusing screen • Area AF frame • Large Zone AF frame • Warning symbol	Inside the picture area: Nineteen focusing points, 3.0% Spot metering circle. Displayed at the bottom of the viewing area: Numeric and textual information with 7-segment LCD • Shutter speed • Aperture value • AE lock • FE Lock • Maximum burst • Exposure level / Exposure Warning • Flash Exposure Compensation • Flash ready / High-speed sync • Highlight Tone Priority (D+) • Red-eye Reduction Light • AF Points • Focus Confirmation • AF Area Selection Mode • ISO Speed • Battery Check • Memory card full warning • Grid Display • Electronic Level (Horizontal only)	Inside the picture area: Forty-five focusing points, 3.5% Spot metering circle. Displayed at the bottom and top of the viewing area: Numeric and textual information with 7-segment LCD • Shutter speed • Aperture value • AE Lock • FE Lock • Maximum burst • Exposure level • Exposure compensation • Flash exposure compensation • Flash-ready • High-speed sync • AF points • Flash ready / High-speed sync • Focus indicator • Highlight Tone Priority (D+) • Red-eye reduction lamp • AF point selection • ISO speed • Grid • Electronic level • Spot metering circle • Aspect ratio line • Flicker detection • Focusing screen • Area AF frame • Large Zone AF frame • Warning symbol	Inside the picture area: Nineteen focusing points, 3.5% Spot metering circle. Displayed at the bottom of the viewing area: Numeric and textual information with 7-segment LCD • Shutter speed • Aperture Value • AE Lock • FE Lock • Maximum burst • Exposure level • Flash Exposure Compensation • Exposure Warning • AF Points • Focus Confirmation • Flash Ready / High-speed Sync • Highlight Tone Priority (D+) • Red-eye Reduction Light • ISO Speed • White Balance Correction • Memory card full warning • Electronic Level (Horizontal only) (T6i only) • Flicker detection
Focusing Screens	Interchangeable Eh-A Standard Focusing Screen and Eh-S Super Precision Matte	Intelligent Viewfinder with adaptable LCD overlay displaying Compositional Grid, AF Selection Modes, AF Points, Area AF Frame, Spot Metering Circle, Electronic Level and Warning Symbol; fixed focusing screen	Intelligent Viewfinder with adaptable LCD overlay displaying AF point information (including Area AF frame), spot metering circle, electronic level, grid, aspect line, flicker detection	Intelligent Viewfinder with adaptable LCD overlay displaying AF selection Modes, AF points, Compositional Grid, Spot Metering Circle, and Electronic Level; precision laser-matte screen marked with focusing points (non-interchangeable)	Intelligent Viewfinder with adaptable LCD overlay displaying AF point information (including Area AF frame), spot metering circle, electronic level, grid, aspect line, flicker detection	Precision laser-matte screen marked with focusing points (non-interchangeable)
Self-Timer	Electronically controlled with 2- or 10-second delay	Electronically controlled with 2- or 10-second delay	Electronically controlled with 2- or 10-second delay	Electronically controlled with 2- or 10-second delay	Electronically controlled with 2- or 10-second delay	Electronically controlled with 2- or 10-second delay
Body Dimensions (W x H x D)	Approx. 5.9 x 4.4 x 3.1 in. / 148.6 x 112.4 x 78.2mm	Approx. 5.5 x 4.1 x 3.1 in. / 139.0 x 105.2 x 78.5mm	Approx. 5.16 x 3.93 x 3.00 in. / 131.0 x 99.9 x 76.2mm	Approx. 5.5 x 4.1 x 3.1 in. / 139.0 x 104.3 x 78.5mm	Approx. 5.16 x 3.93 x 3.00 in. / 131.0 x 99.9 x 76.2mm	Approx. 5.2 x 4.0 x 3.1 in. / 131.9 x 100.9 x 77.8mm (T6s), 131.9 x 100.7 x 77.8mm (T6i)
Weight (CIPA standards)	Approx. 32.1 oz. / 910g	Approx. 25.8 oz. / 730g	Approx. 19.05 oz. / 540g	Approx. 26.7 oz. / 755g	Approx. 18.77 oz. / 532g	Approx. 19.9 oz. / 565g (T6s), 19.6 oz. / 555g (T6i)

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

^ Compatible with iOS* versions 8.4/9.3/10.2, Android** smartphone and tablet versions 4.1/4.2/4.3/4.4/5.0/5.1/6.0/7.0/7.1. Data charges may apply with the download of the free Canon Camera Connect app. This app helps enable you to upload images to social media services. Please note that image files may contain personally identifiable information that may implicate privacy laws. Canon disclaims and has no responsibility for your use of such information. Canon does not obtain, collect or use such images or any information included in such images through this app. ^^ Compatible with Android*** smartphone and tablet versions 4.0/4.1/4.2/4.3/4.4/5.0/5.1/6.0/7.0/7.1. *** Compatible with select smartphone and tablet devices (Android** version 5.0 or later and the following iOS* devices: iPhone 4s or later, iPad 3rd gen. or later, iPod Touch 5th gen. or later) equipped with Bluetooth* version 4.0 or later and the Camera Connect App Ver. 2.0.30. This application is not guaranteed to operate on all listed devices, even if minimum requirements are met.

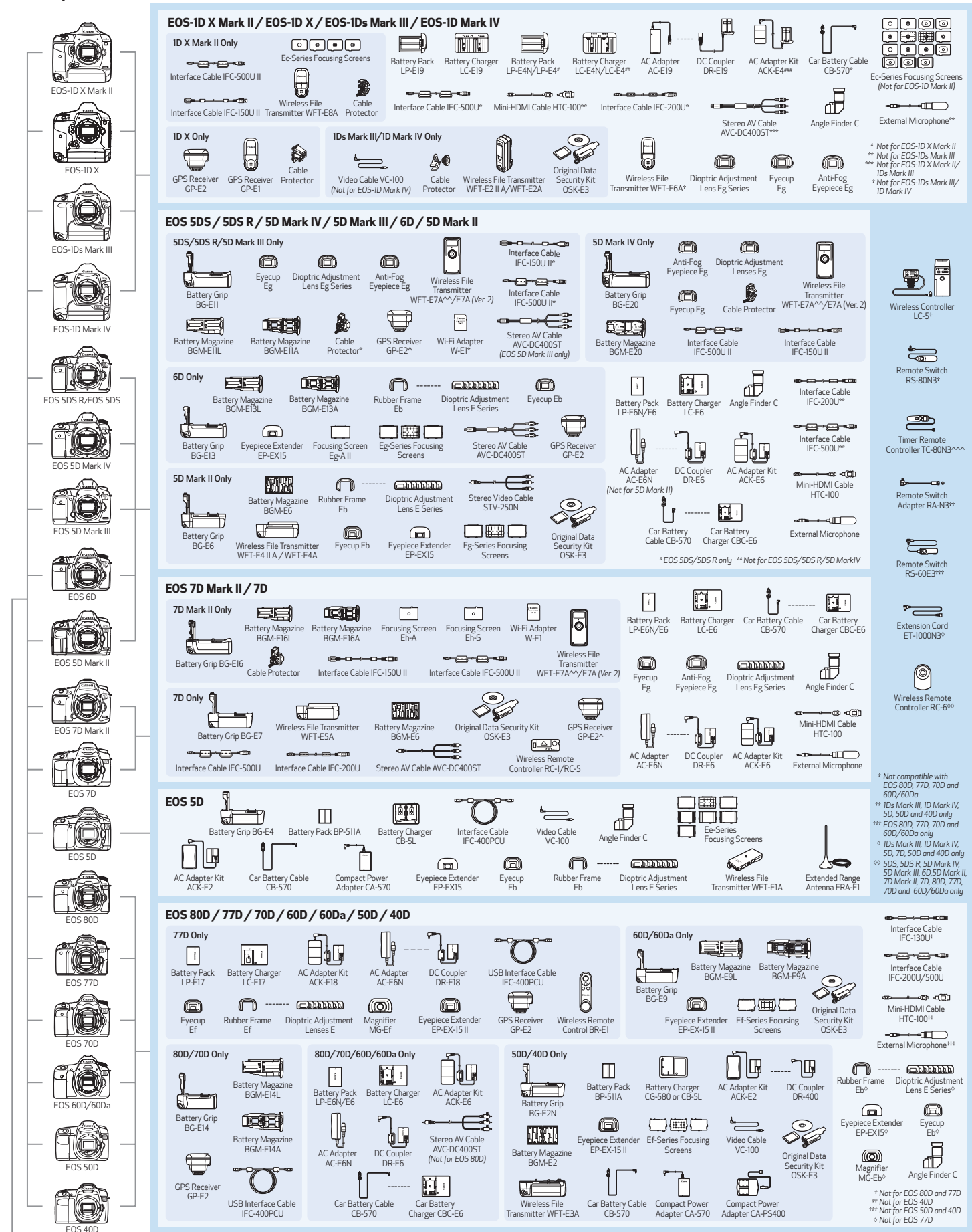
EOS Camera Comparison Chart

	EOS Rebel T5i 	EOS Rebel SL1 	EOS Rebel T6 	EOS M5 	NEW EOS M6 	EOS M10 
Autofocus System	TTL-CT-SIR AF CMOS Sensor (all points are cross-type); One-Shot and AI Servo AF with Focus Prediction; AI Focus AF; Manual Focusing confirmation possible with EF and EF-S lenses; Automatic or manual point selection	TTL-CT-SIR AF CMOS Sensor (only the center point is cross-type); One-Shot and AI Servo AF with Focus Prediction; AI Focus AF; Manual Focusing confirmation possible with EF and EF-S lenses; Automatic or manual point selection	TTL secondary image-forming phase-difference detection system with AF-dedicated senso (only the center point is cross-type); One-Shot and AI Servo with Focus Prediction; AI Focus AF; Manual focusing confirmation possible with EF and EF-S lenses; Automatic or manual point selection	TTL autofocus; One-Shot and Servo AF; Manual focusing confirmation possible with EF lenses	TTL-CT-SIR AF CMOS Sensor; One Shot and Servo AF; One-Point AF and Face+ Tracking; Continuous AF; Manual Focusing; Automatic or manual point selection	TTL-CT-SIR AF CMOS Sensor; One Shot and Servo AF; One-Point AF and Face+ Tracking; Continuous AF; Manual Focusing; Automatic or manual point selection
Image Processor / Image Sensor	DIGIC 5 / 22.3 x 14.9mm, Single-plate CMOS sensor with Auto Sensor Cleaning	DIGIC 5 / 22.3 x 14.9mm, Single-plate CMOS sensor with Auto Sensor leaning	DIGIC 4+ / 22.3 x 14.9mm, Single-plate CMOS sensor	DIGIC 7 / 22.3 x 14.9mm, Single-plate CMOS sensor	DIGIC 7 / 22.3 x 14.9mm, Single-plate CMOS sensor with Auto Sensor Cleaning	DIGIC 6 / 22.3 x 14.9mm, Single-plate CMOS sensor with Auto Sensor Cleaning
Crop Factor	1.6x (APS-C)	1.6x (APS-C)	1.6x (APS-C)	1.6x (APS-C)	1.6x (APS-C)	1.6x (APS-C)
Special Features	• 18.0 Megapixel CMOS sensor • Built-in Vari-angle Touch Screen 3.0" Clear View LCD II monitor (approx. 1,040,000 dots) • 8 Custom Functions with 24 settings • Hybrid CMOS AF • Simultaneous RAW + JPEG image capture • FE Lock • Mirror Lock • Feature Guide • Basic+ • Multi-shot Noise Reduction • Creative Filters with real-time display • HDR Backlight Control mode • Handheld Night Scene mode • Full HD Video with Movie Servo AF • EOS Scene Detection Technology, Scene Intelligent Auto and Picture Style Auto • Dioptic Adjustment • Multiple Aspect Ratios • Video Snapshot • USB 2.0 Hi-Speed Compatible • Built-in Flash with Speedlite Transmitter • Lens Aberration Correction	• 18.0 Megapixel CMOS sensor • Built-in Touch Screen 3.0" Clear View LCD II monitor (approx. 1,040,000 dots) • 8 Custom Functions with 24 settings • Hybrid CMOS AF II • Simultaneous RAW + JPEG image capture • FE Lock • Mirror Lock • Feature Guide • Basic+ • Multi-shot Noise Reduction • Creative Filters with real-time display • Special Scene Modes (HDR Backlight Control, Handheld Night Scene, Night Portrait, Kids, Candlelight, Food) • Full HD Video with Movie Servo AF • EOS Scene Detection Technology, Scene Intelligent Auto and Picture Style Auto • Dioptic Adjustment • Multiple Aspect Ratios • Video Snapshot • USB 2.0 Hi-Speed Compatible • Built-in Flash • Lens Aberration Correction	• 18.0 Megapixel CMOS sensor • Built-in 3.0" LCD monitor (approx. 920,000 dots) • 11 Custom Functions with 33 Settings • Simultaneous RAW + JPEG image capture • Dioptic adjustment • Depth of field preview • FE Lock • Feature Guide • Basic+ • Peripheral Illumination Correction • Creative Filters • Full HD Video • EOS Scene Detection Technology, Scene Intelligent Auto and Picture Style Auto • Multiple Aspect Ratios • Video Snapshot • USB 2.0 Hi-Speed Compatible • Built-in Flash • Lens Aberration Correction	• 24.2 Megapixel CMOS sensor • Built-in Tilt-type Touch Screen 3.2" LCD monitor (approx. 1,620,000 dots) • Custom Functions • Dual Pixel CMOS AF • Custom Quick Control Dial • Electronic Level • Simultaneous RAW + JPEG image capture • Depth of field preview • FE Lock • Mirror Lock • In-camera RAW processing • USB 2.0 Hi-Speed compatible • Picture Style (9 settings) • Dust removal feature • Full HD Video with Combination IS • Peripheral illumination correction • Chromatic aberrtion correction • Diffractive blur correction • Built-in Wi-Fi™, NFC™ and Bluetooth™** Smart • Built-in EVF (approximately 2.36 million dot OLED) • Time-lapse movie setting	• 24.2 Megapixel CMOS sensor • Built-in Tilt-type Touch Screen 3.0" LCD monitor (approx. 1,040,000 dots) • Custom Functions • Dual Pixel CMOS AF • Custom Quick Control Dial • Electronic Level • Simultaneous RAW + JPEG image capture • Depth of field preview • FE Lock • Peripheral illumination correction • Chromatic aberration correction • Diffractive blur correction • Creative Filters • Star rating system • USB 2.0 Hi-Speed Compatible • Picture Style (9 settings) • Dust removal feature • Full HD Video with Combination IS • Multiple Aspect Ratios • Built-in Wi-Fi™, NFC™ and Bluetooth™** • Time-lapse movie setting	• 18.0 Megapixel CMOS sensor • Built-in Tilt-type Touch Screen 3.0" LCD monitor (approx. 1,040,000 dots) • 6 Custom Functions • Hybrid CMOS AF II/35 • Simultaneous RAW and JPEG Image Capture • FE Lock • Multi-shot Noise Reduction • Creative Assist with real-time display • Self Portrait Mode • Special Scene Modes • Basic Zone • Creative Zone • Full HD Video with Movie Servo AF • EOS Scene Detection Technology, Scene Intelligent Auto and Picture Style Auto • Multiple Aspect Ratios • Built-in Flash • Lens Aberration Correction • Built-in Wi-Fi™ and NFC™*
Video Recording Size	1920 x 1080 (Full HD): 30p (29.97) / 25p / 24p (23.976), 1280 x 720 (HD): 60p (59.94) / 50p, 640 x 480 (SD): 30p (29.97) / 25p	1920 x 1080 (Full HD): 30p (29.97) / 25p / 24p (23.976), 1280 x 720 (HD): 60p (59.94) / 50p, 640 x 480 (SD): 30p (29.97) / 25p	1920 x 1080 (Full HD): 30p (29.97) / 23.98p, 1280 x 720 (HD): 60p (59.94), 640 x 480 (SD): 30p (29.97)	1920 x 1080 (Full HD): 60p (59.94) / 30p (29.97) / 24p (23.98), 1280 x 720 (HD): 60p (59.94), 640 x 480 (SD): 30p (29.97)	1920 x 1080 (Full HD): 60p (59.94) / 30p (29.97) / 24p (23.98), 1280 x 720 (HD): 60p (59.94), 640 x 480 (SD): 30p (29.97)	1980 x 1080 (Full HD): 30p (29.97) / 24p (23.976), 1280 x 720 (HD): 60p (59.94), 640 x 480 (SD): 30p (29.97)
Number of Focusing Points	9; Each point has cross-type sensors; Center AF point has additional high-precision dual cross-type sensor with f/2.8 or faster lenses	9; Center AF point is a high precision cross-type, vertical-line sensitive at f/2.8.	9; Center AF point is cross-type, vertical-line sensitive at f/5.6	49 points	49 points	49 points
ISO Range (Standard output sensitivity. Recommended exposure index.)	(Still) ISO 100–12800, H: 25600 (Video) ISO 100–6400, H: 12800	(Still) ISO 100–12800, H: 25600 (Video) ISO 100–6400, H: 12800	(Still) ISO 100–6400, H: 12800 (Video) ISO 100–6400	(Still) ISO 100–25600 (Video) ISO 100–6400	(Still) ISO 100–25600 (Video) ISO 100–12800	(Still) ISO 100–12800, H: 25600 (Video) ISO 100–6400, H: 12800
Recording Media	SD/SDHC/SDXC (UHS-I Compatible) Memory Cards	SD/SDHC/SDXC (UHS-I Compatible) Memory Cards	SD/SDHC/SDXC Memory Cards	SD/SDHC/SDXC (UHS-I compatible) Memory Cards	SD/SDHC/SDXC (UHS-I compatible) Memory Cards	SD/SDHC/SDXC (UHS-I Compatible) Memory Card
Maximum Frames Per Second	Single and 5.0 fps	Single and 4.0 fps	Single and 3.0 fps	Single, 9.0 fps (AF fixed), 7.0 fps (AF tracking)	Single, 9.0 fps (AF fixed), 7.0 fps (AF tracking)	Single and 4.6 fps† (AF fixed)
Shutter Speeds	30–1/4000 sec. & Bulb, manually settable in 1/3- or 1/2-stop increments	30–1/4000 sec. & Bulb; manually settable in 1/3- or 1/2-stop increments	30–1/4000 sec. & Bulb; manually settable in 1/3- or 1/2-stop increments	30–1/4000 sec.	30–1/4000 sec.	30–1/4000 sec.†
Autofocus Sensitivity	EV -0.5 to 18 (at ISO 100)	Center AF Point: -0.5 to 18 (at ISO 100) Other AF Points: 0.5 to 18 (at ISO 100)	Center AF Point: EV 0 to 18 (at ISO 100) Other AF Points: EV 1 to 18 (at ISO 100)	EV -1–18 (ISO 100, when using EF-M 22mm f/2 STM)	EV -1–18 (at ISO 100, when using EF-M 22mm f/2 STM)	EV 1–18 (at ISO 100)
Autofocus Auxiliary Light Built-in	Yes (via built-in flash)	Yes (via built-in flash)	–	–	–	Yes (via built-in flash)
Shutter	Vertical-travel, mechanical, focal-plane shutter with all speeds electronically controlled	Vertical-travel, mechanical, focal-plane shutter with all speeds electronically controlled	Vertical-travel shutter with electronic first-curtain control and mechanical second-curtain control	Vertical-travel, mechanical, focal-plane shutter with all speeds electronically controlled	Vertical-travel, mechanical, focal-plane shutter with all speeds electronically controlled	Electronically controlled focal-plane shutter
Maximum Flash Synchronization Speed	Up to 1/200 sec.; high-speed sync. available with EX-series Speedlite flashes	Up to 1/200 sec.; high-speed sync. available with EX-series Speedlite flashes	Up to 1/200 sec.; high-speed sync. available with all EX-series Speedlite flashes except the Speedlite 600 EX-RT	Up to 1/200 sec.; high-speed sync. available with all EX-series Speedlite flashes	Up to 1/200 sec.; high-speed sync. available with all EX-series Speedlite flashes	Up to 1/200 sec.
Metering System	TTL full-aperture metering; • 63-zone Evaluative metering • Approx. 9% Partial metering • Approx. 4% Spot metering • Center-weighted average metering	TTL full-aperture metering; • 63-zone Evaluative metering • Approx. 9% Partial metering • Approx. 4% Spot metering • Center-weighted average metering	TTL full-aperture metering; • 315-zone Evaluative metering • Approx. 10% Partial metering • Center-weighted average metering	Real-time metering using the image sensor • Evaluative metering • Partial metering • Spot metering • Center-weighted average metering	Real-time metering using the image sensor: • Evaluative metering • Approx. 10% Partial metering • Approx. 2% Spot metering • Center-weighted average metering	TTL full-aperture metering: • Evaluative metering • Partial metering • Spot metering • Center-weighted average metering
Metering Sensitivity	EV 1–20 (at ISO 100 with f/1.8 lens)	EV 1–20 (at ISO 100 with f/1.8 lens)	EV 1–20 (ISO 100, evaluative metering)	EV 1–20 (ISO 100)	EV 1–20 (at ISO 100)	EV 1–20 (at ISO 100)
Exposure Compensation	±5 stops in 1/3- or 1/2-stop increments	±5 stops in 1/3- or 1/2-stop increments	Manual: ±5 stops in 1/3-stop or 1/2-stop increments; AEB: ±2 stops in 1/3-stop or 1/2-stop increments	Manual: ±3 stops in 1/3-stop increments; AEB: ±2 stops in 1/3-stop increments	Manual: ±3 stops in 1/3-stop increments; AEB: ±2 stops in 1/3-stop increments	±3 stops in 1/3-stop increments
Flash Exposure Compensation	Up to ±2 stops in 1/3- or 1/2-stop increments	Up to ±2 stops in 1/3- or 1/2-stop increments	±3 stops in 1/3-stop or 1/2-stop increments	±2 stops in 1/3-stop increments	±2 stops in 1/3-stop increments	±2 stops in 1/3-stop increments
AE Lock	Yes	Yes	Yes	Yes	Yes	Yes
Exposure Modes	• Program AE • Shutter Speed-priority AE • Aperture-priority AE • Manual Exposure • Bulb • Automatic depth of field AE • Scene Intelligent Auto • Flash Off • Creative Auto • Programmed AE with ambience selection • E-TTL II Flash AE	• Program AE • Shutter Speed-priority AE • Aperture-priority AE • Manual Exposure • Bulb • Automatic depth of field AE • Scene Intelligent Auto • Flash Off • Creative Auto • Programmed AE with ambience selection • E-TTL II Flash AE	• Program AE (shiftable) • Shutter Speed-priority AE (Safety shift possible) • Aperture-priority AE (Safety shift possible) • Manual Exposure • Bulb • Scene Intelligent Auto • Flash off • Creative Auto • E-TTL II autoflash program AE	• Program AE • Shutter Speed-priority AE (Safety shift possible) • Aperture-priority AE (Safety shift possible) • Manual Exposure	• Program AE (shiftable) • Shutter Speed-priority AE • Aperture-priority AE • Manual Exposure • Manual Exposure	• Program AE • Shutter Speed-priority AE • Aperture-priority AE • Manual Exposure • Hybrid Auto • Creative Assist • Self Portrait • SCN • Creative Filters • E-TTL II autoflash program AE
Viewfinder	Fixed eye-level pentamirror	Fixed eye-level pentamirror	Fixed eye-level pentamirror	Fixed eye-level pentamirror	N/A	N/A
Viewfinder Coverage	Approx. 95% horizontal/vertical at 0.85x	Approx. 95% horizontal/vertical at 0.87x	Approx. 95% horizontal and vertical at 0.8x	Approx. 100% coverage	N/A	N/A
Viewfinder Information	Inside the picture area: Nine focusing points, 4% Spot metering circle. Displayed at the bottom of the viewing area: Numeric and textual information with 7-segment LCD • Shutter speed • Aperture Value • AE Lock • FE Lock • Maximum burst • Exposure Level • Flash Exposure Compensation • Exposure Warning • AF Points • Focus Confirmation • Flash Ready / High-speed Sync • Highlight Tone Priority (D+) • Red-eye Reduction Light • SO Speed • White Balance Correction • Monochrome Shooting • Memory card full warning	Inside the picture area: Nine focusing points, 4% Spot metering circle. Displayed at the bottom of the viewing area: Numeric and textual information with 7-segment LCD • Shutter speed • Aperture Value • AE Lock • FE Lock • Maximum burst • Exposure Level • Flash Exposure Compensation • Exposure Warning • AF Points • Focus Confirmation • Flash Ready / High-speed Sync • Highlight Tone Priority (D+) • Red-eye Reduction Light • ISO Speed • White Balance Correction • Monochrome Shooting • Memory card full warning	Inside the picture area: Nine focusing points. Displayed at the bottom of the viewing area: Numeric and textual information with 7-segment LCD • Shutter speed • Aperture value • AE Lock • FE Lock • Maximum burst • Exposure level • Flash exposure compensation • Exposure warning • AF points • Flash ready / High-speed sync • Focus confirmation • Highlight Tone Priority (D+) • Red-eye Reduction Light • ISO Speed • White Balance Correction	Inside the picture area: Forty-nine focusing points. Displayed at the bottom of the viewing area: Numeric and textual information with 7-segment LCD • Shutter speed • Aperture value • AE Lock • FE Lock • Maximum burst • Exposure level • Flash exposure compensation • Exposure warning • AF points • Flash ready / High-speed sync • Focus confirmation • Highlight Tone Priority (D+) • Red-eye Reduction Light • ISO speed • White balance correction • Bluetooth	N/A	N/A
Focusing Screens	Precision laser-matte screen marked with focusing points (Non-interchangeable)	Precision laser-matte screen marked with focusing points (Non-interchangeable)	Precision laser-matte screen marked with focusing points (Non-interchangeable)	N/A	N/A	N/A
Self-Timer	Electronically controlled with 2- or 10-second delay	Electronically controlled with 2- or 10-second delay	Electronically controlled with 2- or 10-second delay	Electronically controlled with 2- or 10-second delay	Electronically controlled with 2- or 10-second delay	Electronically controlled with 2- or 10-second delay
Body Dimensions (W x H x D)	Approx. 5.2 x 3.9 x 3.1 in. / 133.1 x 99.8 x 78.8mm	Approx. 4.6 x 3.6 x 2.7 in. / 116.8 x 90.7 x 69.4mm	Approx. 5.1 x 4.0 x 3.1 in. / 129.0 x 101.3 x 77.6mm	Approx. 4.6 x 3.5 x 2.4 in. / 115.6 x 89.2 x 60.6mm	Approx. 4.4 x 2.7 x 1.8 in. / 112.0 x 68.0 x 44.5mm	Approx. 4.3 x 2.6 x 1.4 in. / 108.0 x 66.6 x 35.0mm
Weight (CIPA standards)	Approx. 20.5 oz. / 580g	Approx. 14.4 oz. / 407g (Black color), 14.5 oz. / 410g (White color)	Approx. 17.1 oz. / 485g	Approx. 15.1 oz. / 427g	Approx. 13.8 oz. / 390g	Approx. 10.6 oz. / 301g

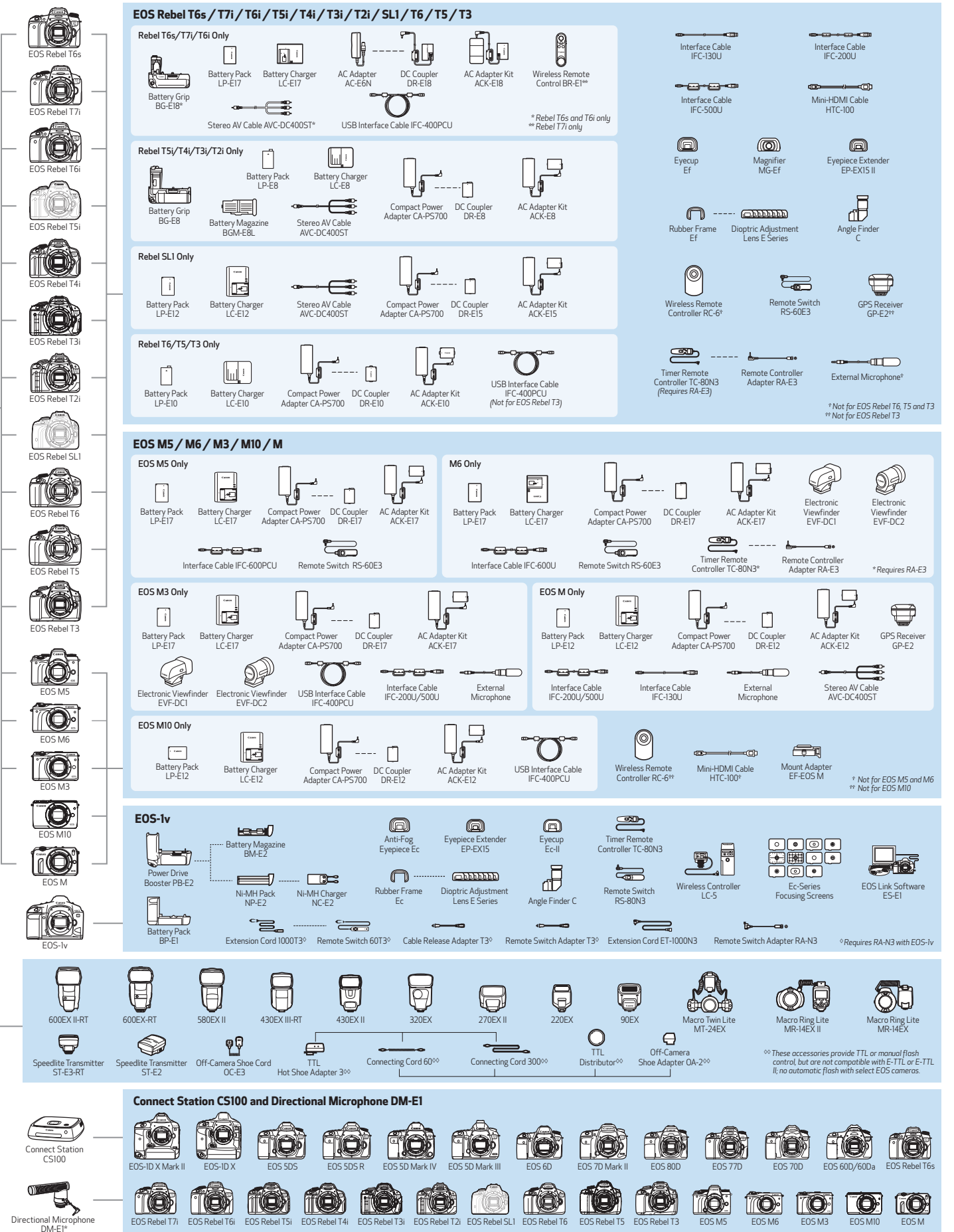
^ Compatible with iOS™ versions 8.4/9.3/10.2, Android™ smartphone and tablet versions 4.1/4.2/4.3/4.4/5.0/5.1/6.0/7.0/7.1. Data charges may apply with the download of the free Canon Camera Connect app. This app helps enable you to upload images to social media services. Please note that image files may contain personally identifiable information that may implicate privacy laws. Canon disclaims and has no responsibility for your use of such images. Canon does not obtain, collect or use such images or any information included in such images through this app. ^^ Compatible with Android™ smartphone and tablet versions 4.0/4.1/4.2/4.3/4.4/5.0/5.1/6.0/7.0/7.1.

^^^ Compatible with select smartphone and tablet devices (Android™ version 5.0 or later and the following iOS™ devices: iPhone 4s or later, iPad 3rd gen. or later, iPod Touch 5th gen. or later) equipped with Bluetooth® version 4.0 or later and the Camera Connect App Ver. 2.0.30. This application is not guaranteed to operate on all listed devices, even if minimum requirements are met. † Measured at initial settings, shutter speed 1/500 sec. or higher. †† The minimum shutter speed is limited to 1/30 sec. at 24/25/30 fps or 1/60 sec. at 50/60 fps.

EOS System Chart



*When using Battery Pack LP-E4/E4N with the EOS-1D X Mark II camera the continuous shooting speed and maximum burst rate will be lowered when compared to using the Battery Pack LP-E19. **Although Battery Charger LC-E19 can be used to charge Battery Pack LP-E4/E4N, Battery Charger LC-E4/E4N cannot be used to charge Battery Pack LP-E19. ***When using AC-M4 with the EOS-1D X Mark II camera the continuous shooting speed and maximum burst rate will be lowered when compared to using AC-E19 + DR-E19. *The EOS 5D Mark III and EOS 7D require a firmware upgrade to the GPS Receiver GP-E2. Firmware updates are available on each individual product's webpage on the Canon website. See usa.canon.com/consumer for our full line of products. **The WFT-E7A requires a firmware update and Interface Cables IFC-400B II or IFC-150A II to work with the EOS 5DS, 5DS R, 5D Mark IV and 7D Mark II. ***EOS 80D, 77D, 70D, 60D/60Da, 50D and 40D need the Remote Controller Adapter RA-E3.



*Applies to all Canon EOS digital cameras with a microphone jack.

EF LENSES TECHNOLOGY

© Adam Jones, Canon Explorer of Light

Great images start with great optics. A digital camera system is often defined by the quality, breadth and scope of compatible lenses. As such, Canon lenses alone are reason enough to choose the EOS System. Combining some of the world's most advanced optical, microelectronic and precision manufacturing technologies, EF lenses are engineered in Canon's laboratories, proven in the field and beloved by generations of photographers. With over 120 million lenses produced, and nearly 100 different models in production today, Canon EF lenses have proven themselves time and again in multitudes of photographic situations.

Optical Image Stabilizer

Canon Optical Image Stabilizer technology is built into many EF, EF-S and EF-M lenses and helps make handheld photography more practical at slow shutter speeds, combating image blur and accommodating more low-light shooting situations than ever before. With Image Stabilization in the lens as opposed to the camera body, Canon can equip each IS lens with a stabilization unit optimized for the focal lengths



Image Stabilizer ON (Top), OFF (Right)

and optical characteristics unique to that lens. IS lenses use miniature sensors and built-in high-speed microcomputers to analyze vibrations and apply correction via special stabilizing lens groups that shift the image parallel to the focal

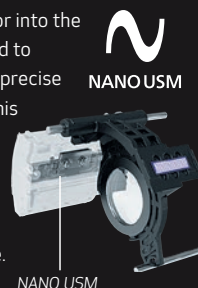
plane. Motion blur is thereby reduced, resulting in a sharper image. With Optical Image Stabilization, it's like gaining up to four stops. For macro or close-up photography, Canon's Hybrid Image Stabilizer technology compensates for both rotational and linear camera shake, further enhancing the Optical Image Stabilizer performance. For video shooting, Canon's Dynamic IS stabilization offers a wide image stabilization correction range, creating an Image Stabilizer effect equivalent to a shutter speed approximately 4 times faster, effective for shooting handheld, while walking and in other potentially shaky shooting situations.

Lens Drive

Canon lenses feature a number of technologies for fast and quiet AF performance. Instead of large, noisy drive trains powered by conventional motors, Canon USM lenses employ minute electronic vibrations created by piezoelectric ceramic elements for fast and quiet focusing action, with virtually instantaneous stops and starts. USM lenses also draw minimal power from the camera, helping to ensure longer battery life. For near-silent, continuous AF, ideal for video and still capture alike, certain Canon EF, EF-S and EF-M lenses offer a stepping motor (STM) drive designed to deliver smooth and quiet continuous AF during video shooting when paired with the



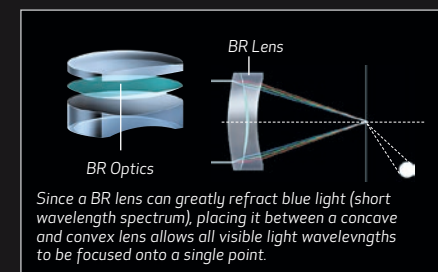
Movie Servo AF feature found on select EOS cameras. Canon's NANO USM AF not only makes quiet, fast and smooth AF transitions for movie recording, but also delivers high-speed AF and precise manual focus for superb still photography. Combining Ring USM and STM (lead-screw type) features, NANO USM incorporates a diminutive chip-shaped ultrasonic motor into the lens design that's engineered to deliver high-speed, smooth, precise and near-silent operation. This means quiet and fluid focus transitions when shooting video, critical when recording sound, with no compromise in speed or size.



Optics

For fast operation and a bright view with minimal distortion, select Canon lenses are designed with special elements engineered to improve performance in a number of diverse shooting environments. Blue Spectrum Refractive Optics (BR) lenses deliver a significant reduction in chromatic aberration and color fringing, even at maximum apertures. When combined with other specialized lens elements, BR Optics help to provide a level of edge-to-edge sharpness, clarity and resolving power befitting the high-resolution sensors of Canon's advanced EOS DSLR cameras.

Similarly, Canon's Ultra-low Dispersion elements help to minimize chromatic aberration and color fringing, providing much improved contrast and sharpness. Even more effective are fluorite elements, used in high-end super-telephoto L-series lenses. Composed of crystallized calcium fluoride (CaF₂), a single fluorite element has roughly the corrective power of two UD glass elements, giving these L-series lenses their spectacular performance and relatively compact design.



To create high-performance lenses that are much smaller and lighter than traditional designs, diffractive optics (DO), constructed by bonding diffractive coatings to the surfaces of two or more lens elements, help reduce chromatic aberrations significantly at various wavelengths when combined with conventional glass optics. DO technology results in smaller lenses and bigger with impressive sharpness and resolving power. For wide-angle lenses and fast normal-focal-length lenses that often suffer from spherical aberration where the image can appear blurred because there is no sharp point of focus, Canon's aspherical elements use a varying curved surface to help ensure that the entire image plane appears focused. Aspherical optics also help correct curvilinear distortion as one might find in ultra wide-angle lenses. Canon designs aspherical elements with extremely precise variable curvature of one or both sides, making lighter, more compact lenses possible.

Specialty Lenses

Fisheye — With its unique focal length range, the EF 8-15mm f/4L Fisheye USM offers an interesting and exciting perspective. It delivers 180° diagonal angle of view images for all EOS cameras with imaging formats ranging from full-frame to APS-C, and provides 180° circular fisheye images for full-frame EOS models. This Canon lens has a wide zoom range feature that provides a truly elevated



Fisheye Lens



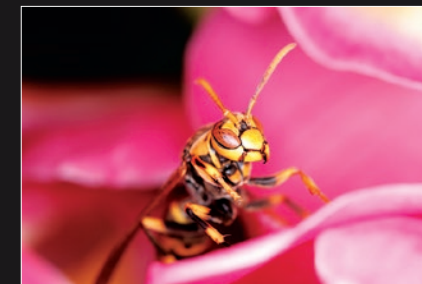
Tilt Shift Lens - Tilt movement

level of creativity and performance for users shooting artistic compositions or panoramic landscapes, as well as astronomy and sports.

EF-S lenses — Designed for the Canon EOS 7D Mark II, EOS 80D and all EOS Rebel models with APS-C sensors with a 1.6x crop factor, Canon's EF-S lenses take advantage of the camera sensor's smaller size to help deliver optimized performance in compact, lightweight designs.

EF-M lenses — EF-M lenses deliver high-caliber operation in a convenient size. From the wide-angle EF-M 11-22mm f/4-5.6 IS STM to the telephoto zoom EF-M 55-200mm f/4.5-6.3 IS STM, they cover a wide range of focal lengths. Plus, they're impressively portable: the EF-M 11-22mm f/4-5.6 IS STM and the EF-M 15-45mm f/3.5-6.3 IS STM even feature a lens-retraction mechanism for reduced size when not in use.

TS-E — TS-E lenses are capable of tilt and shift movements, which bring many of the advantages of technical view cameras to the EOS System. Tilt movements alter the angle of the plane of focus between the lens and sensor plane, making broad depth of field possible even at larger apertures; shift movements slide the lens' optical axis along the sensor plane, enabling photographers to correct or alter perspective at almost any angle.



Macro Lens



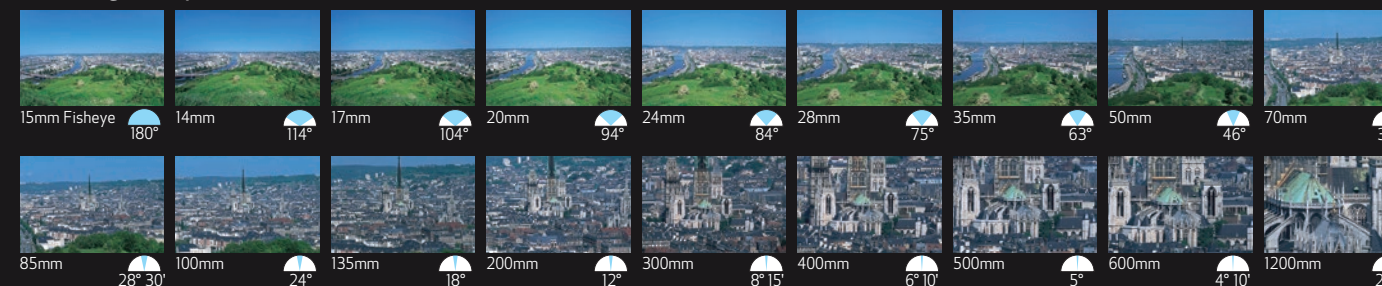
Tilt Shift Lens - Shift movement

Macro — Canon's EF lens lineup has a number of options for true close-up and macro photography. With seven macro lenses for precision, plus three screw-on close-up lenses for convenience – in addition to the Life-Size Converter EF and two Extension Tubes – Canon's macro lenses and close-up accessories can uncover and even illuminate (using the EF-M 28mm f/3.5 Macro IS STM's Built-in Macro Lite) detail nearly undetectable by the human eye.

Coatings

To further refine performance and deliver high-resolution photos and video with less distortion, Canon has developed a number of specialized lens coatings to combat ghosting, flare and smearing for better results right out of the camera. Subwavelength Coatings (SWC) help reduce the ghosting and flare caused by reflected light. SWC technology is ideal on large-curvature lens elements like those found on Canon's wide-angle lens, EF 24mm f/1.4L II USM. Similarly, Canon's Air Sphere Coating (ASC) technology includes air spheres that are applied over the lenses' conventional vapor deposition coatings to help reduce backlit flare and ghosting typical with multi-optic zoom lenses. Fluorine anti-smear coatings help minimize soiling, smears and fingerprints for easy cleaning, and is often applied to the front and rear lens elements.

Focal Length Comparison



EF LENSES

Possibilities In Hand

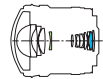
Canon EF lenses offer a broad spectrum of lens choices helping to enable photographers of virtually any skill level the ability to capture what they envision and how they want to capture it. From fisheye to macro to super telephoto, from affordable and compact to uncompromising image quality, the wide selection of Canon EF, EF-S and EF-M lenses are your gateway to a world of possibilities.



Ultra-Wide Zoom



EF 8-15mm f/4L Fisheye USM



UD AL CA I/R FT-M
SWC FASC DW-R



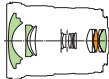
EF-S 10-18mm f/4.5-5.6 IS STM*



UD AL OIS STM CA I/R FT-M



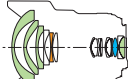
EF-S 10-22mm f/3.5-4.5 USM*



S-UD AL CA I/R FT-M



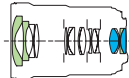
EF 11-24mm f/4L USM



CaF₂ S-UD UD AL CA I/R
FT-M SWC DW-R ASC



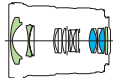
EF 16-35mm f/2.8L III USM



CaF₂ UD AL CA I/R FT-M
SWC FASC DW-R ASC



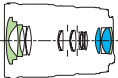
EF 16-35mm f/2.8L II USM



UD AL CA I/R FT-M DW-R



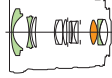
EF 16-35mm f/4L IS USM



UD AL OIS CA I/R FT-M
FASC DW-R



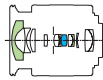
EF 17-40mm f/4L USM



S-UD AL CA I/R FT-M DW-R



EF-M 11-22mm f/4-5.6 IS STM**



UD AL OIS STM DIS CA I/R FT-M

Diagram: Fluorite Lens Super UD Lens UD Lens Aspherical Lens DO Lens

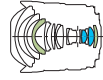
* For EOS 7D Mark II, 7D, 80D, 77D, 70D, 60D, 60Da, 50D, 40D, 30D, 20D, 20Da, Rebel T6s, T7i, T6i, T5i, T4i, SLi, T3i, T2i, T6, T5, T3, T1i, XSi, XS and all versions of EOS Digital Rebel only.

** For EOS M series digital cameras only.

Wide-Angle



EF 14mm f/2.8L II USM



UD AL I/R FT-M DW-R



EF 20mm f/2.8 USM



I/R Float FT-M



EF 24mm f/1.4L II USM



UD AL CA I/R Float FT-M
SWC DW-R



EF 24mm f/2.8 IS USM*



AL OIS CA I/R FT-M



EF-S 24mm f/2.8 STM*



AL STM CA FT-M



EF 28mm f/1.8 USM



AL I/R FT-M



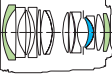
EF 28mm f/2.8 IS USM*



AL OIS CA I/R FT-M



EF 35mm f/1.4L II USM



UD AL BR CA I/R FT-M SWC
DW-R FASC



EF 35mm f/2 IS USM



AL OIS CA I/R FT-M



EF-M 22mm f/2 STM**

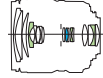


AL STM CA Float FT-M

Standard Zoom



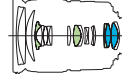
EF-S 15-85mm f/3.5-5.6 IS USM*



UD AL OIS CA I/R



EF-S 17-55mm f/2.8 IS USM*



UD AL OIS CA I/R FT-M



EF-S 18-55mm f/3.5-5.6 IS STM*



AL OIS STM CA I/R FT-M

NEW



EF-S 18-55mm f/4-5.6 IS STM*



AL OIS STM CA I/R FT-M



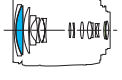
EF-S 18-55mm f/3.5-5.6 IS II*



AL OIS CA



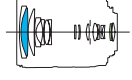
EF-S 18-135mm f/3.5-5.6 IS USM*



UD OIS DIS NANO USM CA I/R FT-M AL



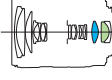
EF-S 18-135mm f/3.5-5.6 IS STM*



UD AL OIS DIS STM CA I/R



EF-S 18-135mm f/3.5-5.6 IS*



UD AL OIS CA I/R

Diagram: Fluorite Lens Super UD Lens UD Lens Aspherical Lens DO Lens

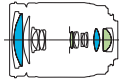
* For EOS 7D Mark II, 7D, 80D, 77D, 70D, 60D, 60Da, 50D, 40D, 30D, 20D, 20Da, Rebel T6s, T7i, T6i, T5i, T4i, SLi, T3i, T2i, T6, T5, T3, T1i, XSi, XS and all versions of EOS Digital Rebel only.

** For EOS M series digital cameras only.

* Please be advised that when EF 24mm f/2.8 IS USM and EF 28mm f/2.8 IS USM are used with EOS-ID Mark IV, the firmware of the camera should be updated to version 1.1.1 or later. The update helps to optimize the exposure accuracy. The firmware is available on our website. Shooting conditions. Adjustment volume and compensation effect vary depending on camera position (landscape or portrait).



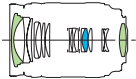
EF-S 18-200mm f/3.5-5.6 IS*



UD₂ AL₂ OIS CA



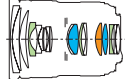
EF 24-70mm f/2.8L USM



UD₁ AL₂ CA I/R FT-M DW-R



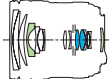
EF 24-70mm f/2.8L II USM



S-UD₂ UD₂ AL₃ CA I/R FT-M FASC DW-R



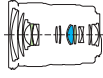
EF 24-70mm f/4L IS USM



UD₂ AL₂ OIS CA I/R FT-M FASC DW-R



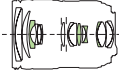
EF 24-105mm f/3.5-5.6 IS STM



UD₁ AL₂ OIS STM CA I/R FT-M



EF 24-105mm f/4L IS II USM



CaF₂ AL₄ OIS CA I/R FT-M FASC DW-R ASC



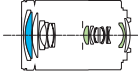
EF 24-105mm f/4L IS USM



S-UD₁ AL₃ OIS CA I/R FT-M



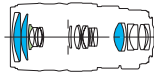
EF-M 18-150mm f/3.5-6.3 IS STM**



UD₁ AL₂ OIS STM DIS CA I/R FT-M



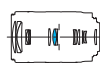
EF 28-300mm f/3.5-5.6L IS USM



UD₃ AL₃ OIS I/R FT-M DW-R



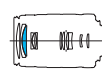
EF-S 55-250mm f/4-5.6 IS STM*



UD₁ OIS STM CA I/R FT-M



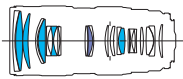
EF-S 55-250mm f/4-5.6 IS II*



UD₁ OIS CA



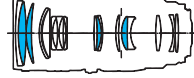
EF 70-200mm f/2.8L IS II USM



CaF₂₁ UD₅ OIS CA I/R FT-M DW-R



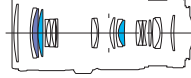
EF 70-200mm f/2.8L USM



UD₄ I/R FT-M



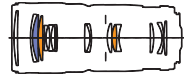
EF 70-200mm f/4L IS USM



CaF₂₁ UD₂ OIS I/R FT-M DW-R



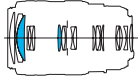
EF 70-200mm f/4L USM



CaF₂₁ S-UD₂ I/R FT-M



EF 70-300mm f/4-5.6L IS USM



UD₂ OIS CA I/R Float FT-M FASC DW-R



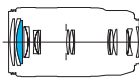
EF 70-300mm f/4.5-5.6 DO IS USM



AL₁ DO OIS CA I/R FT-M



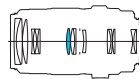
EF 70-300mm f/4-5.6 IS II USM



UD₁ OIS NANO USM CA I/R FT-M



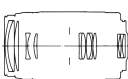
EF 70-300mm f/4-5.6 IS USM



UD₁ OIS CA



EF 75-300mm f/4-5.6 III USM



Standard and Medium Telephoto



EF 40mm f/2.8 STM



AL STM CA FT-M



EF 50mm f/1.2L USM



AL CA FT-M DW-R



EF 50mm f/1.8 STM



STM CA FT-M



EF 50mm f/1.4 USM



FT-M



EF 85mm f/1.2L II USM



AL CA Float FT-M



EF 85mm f/1.8 USM



I/R FT-M



EF 100mm f/2 USM



I/R FT-M

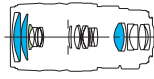
Diagram: ● Fluorite Lens ● Super UD Lens ● UD Lens ● Aspherical Lens ● DO Lens

* For EOS 7D Mark II, 7D, 80D, 77D, 70D, 60D, 60Da, 50D, 40D, 30D, 20D, 20Da, Rebel T6s, T7i, T6i, T5i, T4i, SLI, T3i, T2i, T6, T5, T3, T1i, XSi, XS and all versions of EOS Digital Rebel only.
** For EOS M series digital cameras only.

Telephoto Zoom



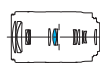
EF 28-300mm f/3.5-5.6L IS USM



UD₃ AL₃ OIS I/R FT-M DW-R



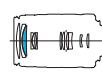
EF-S 55-250mm f/4-5.6 IS STM*



UD₁ OIS STM CA I/R FT-M



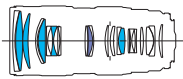
EF-S 55-250mm f/4-5.6 IS II*



UD₁ OIS CA



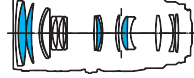
EF 70-200mm f/2.8L IS II USM



CaF₂₁ UD₅ OIS CA I/R FT-M DW-R



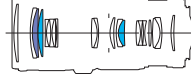
EF 70-200mm f/2.8L USM



UD₄ I/R FT-M



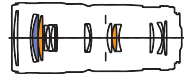
EF 70-200mm f/4L IS USM



CaF₂₁ UD₂ OIS I/R FT-M DW-R



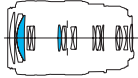
EF 70-200mm f/4L USM



CaF₂₁ S-UD₂ I/R FT-M



EF 70-300mm f/4-5.6L IS USM



UD₂ OIS CA I/R Float FT-M FASC DW-R



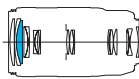
EF 70-300mm f/4.5-5.6 DO IS USM



AL₁ DO OIS CA I/R FT-M



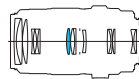
EF 70-300mm f/4-5.6 IS II USM



UD₁ OIS NANO USM CA I/R FT-M



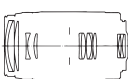
EF 70-300mm f/4-5.6 IS USM



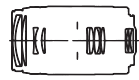
UD₁ OIS CA



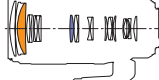
EF 75-300mm f/4-5.6 III USM



EF 75-300mm f/4-5.6 III



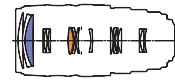
EF 100-400mm f/4.5-5.6L IS II USM



CaF₂₁ S-UD₂ OIS CA I/R Float FT-M DW-R ASC



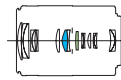
EF 100-400mm f/4.5-5.6L IS USM



CaF₂₁ S-UD₂ OIS I/R Float FT-M



EF-M 55-200mm f/4.5-6.3 IS STM**

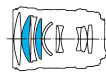


UD₁ AL₁ OIS STM CA I/R FT-M

Telephoto



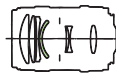
EF 135mm f/2L USM



UD₂ I/R FT-M



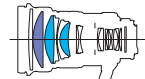
EF 135mm f/2.8 w/Softfocus



AL I/R



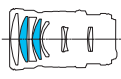
EF 200mm f/2L IS USM



CaF₂₁ UD₂ OIS CA I/R FT-M FP AFSF DW-R



EF 200mm f/2.8L II USM



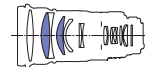
UD₂ I/R FT-M

Diagram: ● Fluorite Lens ● Super UD Lens ● UD Lens ● Aspherical Lens ● DO Lens

* For EOS 7D Mark II, 7D, 80D, 77D, 70D, 60D, 60Da, 50D, 40D, 30D, 20D, 20Da, Rebel T6s, T7i, T6i, T5i, T4i, SLI, T3i, T2i, T6, T5, T3, T1i, XSi, XS and all versions of EOS Digital Rebel only.
** For EOS M series digital cameras only.



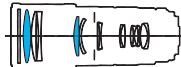
EF 300mm f/2.8L IS II USM



- CaF₂
- OIS
- IS
- CA
- I/R
- FT-M
- SWC
- FASC
- AFSF
- DW-R



EF 300mm f/4L IS USM

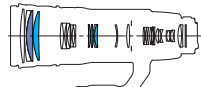


- UD₂
- OIS
- IS
- I/R
- FT-M

Super Telephoto



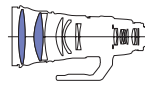
EF 200-400mm f/4L IS USM Extender 1.4X



- CaF₂
- UD
- OIS
- IS
- CA
- I/R
- FT-M
- SWC
- FASC
- AFSF
- DW-R



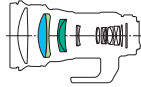
EF 400mm f/2.8L IS II USM



- CaF₂
- OIS
- IS
- CA
- I/R
- FT-M
- SWC
- FASC
- AFSF
- DW-R



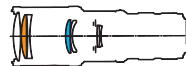
EF 400mm f/4 DO IS II USM



- UD₁
- AL
- DO
- OIS
- IS
- CA
- I/R
- FT-M
- SWC
- FASC
- FP
- AFSF
- DW-R



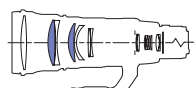
EF 400mm f/5.6L USM



- S-UD₁
- UD₁
- IS
- I/R
- FT-M



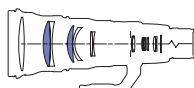
EF 500mm f/4L IS II USM



- CaF₂
- OIS
- IS
- CA
- I/R
- FT-M
- SWC
- FASC
- FP
- AFSF
- DW-R



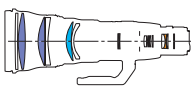
EF 600mm f/4L IS II USM



- CaF₂
- OIS
- IS
- CA
- I/R
- FT-M
- SWC
- FASC
- FP
- AFSF
- DW-R



EF 800mm f/5.6L IS USM



- CaF₂
- S-UD
- UD
- OIS
- IS
- CA
- I/R
- FT-M
- FP
- AFSF
- DW-R

Extenders



EXTENDER EF 1.4x III



- FASC
- DW-R



EXTENDER EF 2x III



- FASC
- DW-R



Extension Tube EF 12 II
Extension Tube EF 25 II



Mount Adapter EF-EOS M**

The optical Mount Adapter EF-EOS M makes EOS M series digital cameras compatible with the entire line of Canon's EF and EF-S lenses

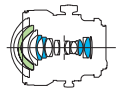
Diagram: ● Fluorite Lens ● Super UD Lens ● UD Lens ● Aspherical Lens ● DO Lens

* For EOS 7D Mark II, 7D, 80D, 77D, 70D, 60D, 60Da, 50D, 40D, 30D, 20D, 20Da, Rebel T6s, T7i, T6i, T5i, T4i, SLI, T3i, T2i, T6, T5, T3, T1i, XSi, XS and all versions of EOS Digital Rebel only.
** For EOS M series digital cameras only.

Tilt-Shift



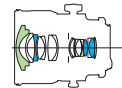
TS-E 17mm f/4L



- UD₄
- AL
- CA
- I/R
- Float
- SWC



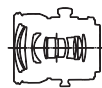
TS-E 24mm f/3.5L II



- UD₃
- AL
- CA
- I/R
- Float
- SWC



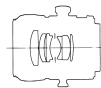
TS-E 45mm f/2.8



- I/R
- Float



TS-E 90mm f/2.8



Macro



EF-S 35mm f/2.8 Macro IS STM*



- AL
- OIS
- STM
- CA
- I/R
- FT-M



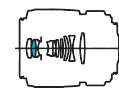
EF-S 60mm f/2.8 Macro USM*



- IS
- CA
- I/R
- Float
- FT-M



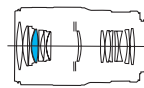
MP-E 65mm f/2.8 1-5x Macro Photo



- UD
- Float



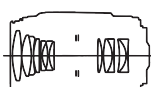
EF 100mm f/2.8L Macro IS USM



- UD
- OIS
- IS
- CA
- I/R
- FT-M
- DW-R



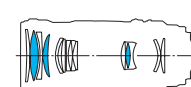
EF 100mm f/2.8 Macro USM



- IS
- I/R
- Float
- FT-M



EF 180mm f/3.5L Macro USM



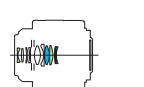
- UD₃
- IS
- I/R
- Float
- FT-M



Life-Size Converter EF



EF-M 28mm f/3.5 Macro IS STM**



- UD₁
- AL₂
- OIS
- STM
- CA
- I/R
- FT-M

EF Lens Technology Icon



Optical Image Stabilizer



Hybrid Image Stabilizer



Dynamic Image Stabilizer



Nano USM



Stepping Motor (STM)



Ultrasonic Motor (USM)



Blue Spectrum Refractive Optics (BR Optics)



Fluorite/UD Elements



Diffractive Optics



Aspherical Elements



Subwavelength Coatings



Fluorine Anti-smear Coatings



Air Sphere Coatings (ASC)



Circular Aperture



Floating System



Inner and Rear Focusing



AF Stop Feature



Focus Preset



Full-time Manual Focusing



Dust- and Water-resistant Construction



EF-S Lenses



EF-M Lenses

Diagram: ● Fluorite Lens ● Super UD Lens ● UD Lens ● Aspherical Lens ● DO Lens

* For EOS 7D Mark II, 7D, 80D, 77D, 70D, 60D, 60Da, 50D, 40D, 30D, 20D, 20Da, Rebel T6s, T7i, T6i, T5i, T4i, SLI, T3i, T2i, T6, T5, T3, T1i, XSi, XS and all versions of EOS Digital Rebel only.
** For EOS M series digital cameras only.

EF LENS ACCESSORIES

The Finest Accessories for Your Lenses.

To enhance the stellar features of the EF Lens system, there are a number of accessories designed to perform perfectly with your system. Canon offers cases to help protect your lenses, hoods and filters to help control glare, and a number of adapters to further expand the possibilities of your EF lenses and your EOS System.

General Purpose



Lens Cases

Lens Hoods

Lens Cases and Lens Hoods

These functional, rugged cases are indispensable to help protect lenses. Lens hoods help prevent unwanted glare from affecting your photographs.

Available Sizes
See EF Lens Specifications.



55mm Protect Filter

General Purpose Filters

Protect Filters can help protect the front element of your lens from dust, moisture, fingerprints, scratches and impact when mounted.

Available Sizes
43mm, 49mm, 52mm, 55mm, 58mm, 67mm, 72mm, 77mm, 82mm.



52mm Drop-in Screw Filter Holder 52WII

Drop-in Screw Filter Holder

A holder for screw-type filters, for use with rear-mounted drop-in filters.

Type	Available Sizes
Drop-in	48mm, 52mm. Includes clear filter. For super-telephoto lenses. Current IS Super-teles—52mm. Previous super-teles without IS—48mm.

Close-up Lenses



Close-up Lens 250D/500D/500

The 250D/500D series incorporates double-element achromatic design for maximum optical performance. These screw-in lenses are used to provide a shorter minimum focusing distance with no loss of light. Each lens is optimized for a particular focal length. Manual focus is recommended with these lenses.

Type	Available Sizes
Screw-in	250D: 52mm, 58mm. Optimized for lenses 50 thru 135mm. 500D/500: 52mm, 72mm, 77mm. Optimized for lenses 70 thru 300mm.

Polarizing Filters



Screw-in

52mm Drop-in Circular Polarizing Filter PL-C 52WII

Circular Polarizing Filter PL-CB/PL-C

Polarizing filters enhance picture quality by blocking harmful reflected light. Use it to reduce light reflections from glass and water surfaces or to improve color saturation. Simple to use, these filters polarize light circularly, rather than linearly, so they do not interfere with autofocus or TTL light metering.

DROP-IN — For use with lenses using rear-mounted drop-in filters, this polarizing filter can be rotated from the outside without removing the holder from the lens, helping enable precise control.

Type	Available Sizes
Screw-in	52mm, 58mm, 67mm, 72mm, 77mm, 82mm
Drop-in	48mm, 52mm. For super-telephoto lenses. Current IS Super-teles—52mm. Previous super-teles without IS—48mm.

Power Zoom Adapter



Power Zoom Adapter PZ-E1

Canon's new Power Zoom Adapter PZ-E1 works with the EF-S 18-135mm f/3.5-5.6 IS USM lens to enhance an EOS camera's video capabilities. It provides a smooth and near-silent powered zooming function that's an ideal complement to the lens's speedy AF.

Mount Adapter



Mount Adapter EF-EOS M

The optical Mount Adapter EF-EOS M makes EOS M series digital cameras compatible with the entire line of Canon's EF and EF-S lenses for complete versatility, from a fisheye to telephoto and everything in between.

Extension Tubes



Extension Tube EF 25 II & EF 12 II

These close-up accessories are placed between the camera body and lens to help enable high-magnification photography. Eight electronic contact points allow communication between the camera and lens to continue as usual. The magnification differs according to the lens, but for standard zoom lenses it is about 0.3x to 0.5x for the EF 12 and 0.7x or more for the EF 25. By using both tubes effectively, the choice of magnifications can be greatly extended. However, for best results, manual focusing is recommended.

Gelatin Filter Holders



Gelatin Filter Hoods IV

Gelatin Filter Holder IV

Gelatin Filter Holder Adapter IV

Gelatin Filter Hoods III

Gelatin Filter Holder III

Gelatin Filter Holder Adapter III

Gelatin Filter Holder System

This convenient holder system allows the use of commercially available square filters without the need for cutting. The holder attaches to the lens through an adapter that fits the filter diameter. A special hood is available for use with the system. Use with 3-inch square type III and 4-inch square type IV gelatin filters. Gelatin filters can be used with most EF lenses.

Type	Available Sizes
Screw-in	Holder for 3-inch square (III) or 4-inch (IV) gelatin filters.

Type	Available Sizes
Screw-in	Lens shades which attach to holder can be stacked with telephoto lenses.

Type	Available Sizes
Screw-in	III: 52mm, 58mm, 67mm, 72mm, 77mm. IV: 58mm, 67mm, 72mm, 77mm.



52mm Drop-in Gelatin Filter Holder 52WII

Drop-in Gelatin Filter Holder II

Up to three gelatin filters can be placed in these holders. To use, insert a cut piece of gelatin film between the holder's filter frame and pressure clip, and screw on to the lens.

Type	Available Sizes
Drop-in	48mm, 52mm. For super-telephoto lenses. Current IS Super-teles—52mm. Previous super-teles without IS—48mm.

Loupes

Loupe 4x

Designed for viewing 35mm film frames at high magnifications, these loupes use a high-performance lens system that help to eliminate all aberration and distortion. They offer diopter adjustment of -4 to +1 dpt, and include an eyecup, hood and case.



Loupe 4x

EF Lens Chart

CANON EF LENS SPECIFICATIONS	Apparent Focal length (mm)		Focus Drive	Angle of View (Diagonal)			Lens Construction (Groups/Elements)	Minimum Aperture (f)	Filter Diameter (mm)	Closest Focusing Distance		Length		Weight		Lens Hood	Lens Cap	Case
	APS-C	APS-H		35mm	APS-C	APS-H				(ft.)	(m)	(in.)	(mm)	(oz.)	(g)			

EF/EF-S Lenses

Ultra-Wide Zoom																		
• EF 8-15mm f/4L Fisheye USM	13-24	1	Ultrasonic	180°0'-175°30'	180°@ approx. 10mm	180°@ approx. 12mm	11/14	22	Gelatin	0.49	0.15	3.3	83	19.1	540	EW-77	8-15	LP1219
• EF-S 10-18mm f/4.5-5.6 IS STM **	16-29	N/A	STM	N/A	107°30'-74°20'	N/A	11/14	22-29	67	0.72	0.22	2.8	72	8.5	240	EW-73C	E-67 II	LP1116
• EF-S 10-22mm f/3.5-4.5 USM **	16-35	N/A	Ultrasonic	N/A	107°30'-63°30'	N/A	10/13	22	77	0.8	0.24	3-1/2	89.8	13.6	385	EW-83E	E-77U	LP1319
• EF 11-24mm f/4L USM	17.6-38.4	14.3-31.2	Ultrasonic	126°05'-84°	N/A	N/A	11/16	22	Gelatin	0.92	0.28	5.2	132.0	41.6	1,180	Built-in	11-24	LP1424
• EF 16-35mm f/2.8L III USM	26-56	21-45	Ultrasonic	108°10'-63°	80°56'-42°36'	93°08'-51°32'	11/16	22	82	0.92	0.28	5.0	127.5	27.9	790	EW-88D	E-82 II	LP1222
• EF 16-35mm f/2.8L II USM	26-56	21-45	Ultrasonic	108°10'-63°	80°56'-42°36'	93°08'-51°32'	12/16	22	82	0.92	0.28	4-2/5	111.6	22.4	635	EW-88	E-82U	LP1319
• EF 16-35mm f/2.8L USM*	26-56	21-45	Ultrasonic	108°10'-63°	80°56'-42°36'	93°08'-51°32'	10/14	22	77	0.9	0.28	4-1/8	103	1.3 lbs.	600	EW-83E	E-77U	LP1319
• EF 16-35mm f/4L IS USM	26-56	21-45	Ultrasonic	108°10'-63°	80°56'-42°36'	93°08'-51°32'	12/16	22	77	0.92	0.28	4.4	112.8	21.7	615	EW-82	E-77 II	LP1219
• EF 17-35mm f/2.8L USM*	27-56	22-46	Ultrasonic	104°-63°	78°30'-42°36'	89°39'-51°32'	10/15	22	77	1.38	0.42	3-3/4	95.7	19.1	545	EW-83C	E-77U	-
• EF 17-40mm f/4L USM	27-64	22-52	Ultrasonic	104°-57°30'	78°30'-37°41'	89°39'-45°48'	9/12	22	77	0.92	0.28	3-3/4	96.8	1.1 lbs.	475	EW-83E	E-77U	LP1319
• EF 20-35mm f/2.8 USM*	32-56	26-46	AFD	94°-63°	78°37'-42°36'	80°23'-51°32'	12/15	22	72	1.6	0.5	3-1/2	89.0	1.2 lbs.	540	EW-75	-	-
• EF 20-35mm f/3.5-4.5 USM*	32-56	26-46	Ultrasonic	94°-63°	68°37'-42°36'	80°23'-51°32'	11/12	22-27	77	1.1	0.34	2-3/4	68.9	11.9	340	EW-83II	E-77U	LP1214

Wide-Angle																		
• EF 14mm f/2.8L II USM	22	18	Ultrasonic	114°	88°32'	100°43'	11/14	22	Gelatin	0.66	0.2	3-3/4	116.0	22.8	645	Built-in	Exclusive	LP1016
• EF 14mm f/2.8L USM*	22	18	Ultrasonic	114°	88°32'	100°43'	10/14	22	Gelatin	0.8	0.25	3-1/2	89.0	1.2 lbs.	560	Built-in	Exclusive	LP1016
• EF 15mm f/2.8 Fisheye*	24	20	AFD	180°	108°15'	137°08'	7/8	22	Gelatin	0.7	0.2	2-7/16	62.2	11.6	330	Built-in	E-73	LP814
• EF 20mm f/2.8 USM	32	26	Ultrasonic	94°	68°37'	80°23'	9/11	22	72	0.8	0.25	2-13/16	70.6	14.3	405	EW-75II	E-72U	LP1214
• EF 24mm f/1.4L II USM	38	31	Ultrasonic	84°	59°15'	70°18'	10/13	22	77	0.8	0.25	3.4	86.9	22.9	650	EW-83K	E-77U	LP1319
• EF 24mm f/1.4L USM*	38	31	Ultrasonic	84°	59°15'	70°18'	9/11	22	77	0.82	0.25	3	77.4	1.2 lbs.	550	EW-83DII	E-77U	LP1214
• EF 24mm f/2.8 IS USM*	38	31	Ultrasonic	84°	59°15'	70°18'	9/11	22	58	0.66	0.2	2.2	55.7	9.9	280	EW-65B	E-58U	LP1014
• EF-S 24mm f/2.8 STM**	38	31	STM	84°	59°10'	70°18'	5/6	22	52	0.52	0.16	0.9	22.8	4.4	125	ES-52	E-52 II	LP811
• EF 24mm f/2.8*	38	31	AFD	84°	59°15'	70°18'	10/10	22	58	0.8	0.25	1-7/8	48.5	9.5	270	EW-60II	E-58	LP811
• EF 28mm f/1.8 USM	45	36	Ultrasonic	75°	51°58'	62°13'	9/10	22	58	0.8	0.25	2-3/16	55.6	10.9	310	EW-63II	E-58U	LP814
• EF 28mm f/2.8 IS USM*	45	36	Ultrasonic	75°	51°58'	62°13'	7/9	22	58	0.75	0.23	2	51.5	9.2	260	EW-65B	E-58U	LP1014
• EF 28mm f/2.8*	45	36	AFD	75°	51°58'	62°13'	5/5	22	52	1.0	0.3	1-11/16	42.5	6.5	185	EW-65II	E-52	LP1014
• EF 35mm f/1.4L II USM	56	46	Ultrasonic	63°	42°36'	51°32'	11/14	22	72	0.92	0.28	4.2	105.5	26.8	760	EW-77B	E-72 II	LP1219
• EF 35mm f/1.4L USM*	56	46	Ultrasonic	63°	42°36'	51°32'	9/11	22	72	0.98	0.25	3-2/5	86.0	1.3 lbs.	580	EW-78C	E-72U	LP1214
• EF 35mm f/2 IS USM	56	46	Ultrasonic	63°	42°6'	51°32'	8/10	22	67	0.79	0.24	2.5	62.6	11.8	335	EW-72	E-67 II	LP1116
• EF 35mm f/2*	56	46	AFD	63°	42°36'	51°32'	5/7	22	52	0.8		1-11/16	42.5	7.4	210	EW-65II	E-52	LP1011

Standard Zoom																		
• EF-S 15–85mm f/3.5–5.6 IS USM**	24-136	N/A	Ultrasonic	N/A	84°30'–18°25'	N/A	12/17	36	72	1.15	0.35	3–7/16	87.5	20.3	575	EW-78E	E-72U	LP1116
• EF-S 17–55mm f/2.8 IS USM**	27-88	N/A	Ultrasonic	N/A	78°30'–27°50'	N/A	12/19	22	77	1.5	0.45	4–2/5	110.6	22.8	645	EW-83J	E-77U	–
• EF-S 17–85mm f/4–5.6 IS USM*/**	27-136	N/A	Ultrasonic	N/A	78°30'–18°25'	N/A	12/17	22	67	1.1	0.35	3–5/8	92.0	1.1 lbs.	475	EW-73B	E-67U	LP1116
• EF-S 18–55mm f/3.5–5.6 IS STM**	29-88	N/A	STM	N/A	74°20'–27°50'	N/A	11/13	22–38	58	0.82	0.25	3.0	75.2	7.2	205	EW-63C	E-58 II	LP1016
• EF-S 18–55mm f/3.5–5.6 IS***/IS II**	29-88	N/A	MM	N/A	74°20'–27°50'	N/A	9/11	22	58	0.82	0.25	2–3/4	68.5	7.8	200	EW-60C	E-58	LP814
• EF-S 18–55mm f/3.5–5.6***/USM*/**	29-88	N/A	Ultrasonic	N/A	74°20'–27°50'	N/A	9/11	22–38	58	0.92	0.28	2–5/8	66.2	6.7	190	EW-60C	E-58U	LP814
• EF-S 18–55mm f/3.5–5.6** ***	29-88	N/A	MM	N/A	74°20'–27°50'	N/A	9/11	22–38	58	0.92	0.28	2–5/8	66.2	6.7	190	EW-60C	E-58U	LP814
• EF-S 18–55mm f/4–5.6 IS STM**	29-88	N/A	STM	N/A	74°20'–27°50'	N/A	10/12	22–32	58	0.82	0.25	2.4	61.8	7.6	215	EW-63C	E-58 II	LP1014
• EF-S 18–135mm f/3.5–5.6 IS USM**	29-216	N/A	Nano-USM	N/A	74°20'–11°30'	N/A	12/16	22–36	67	1.3	0.39	3.8	96	18.2	515	EW-73D	E-67 II	LP1116
• EF-S 18–135mm f/3.5–5.6 IS STM**	29-216	N/A	STM	N/A	74°20'–11°30'	N/A	12/16	22–36	67	1.3	0.39	3.8	96	16.9	480	EW-73B	E-67	LP1116
• EF-S 18–135mm f/3.5–5.6 IS*	29-216	N/A	MM	N/A	74°20'–11°30'	N/A	12/16	36	67	1.5	0.45	4	101	16.0	455	EW-73B	E-67	LP1116
• EF-S 18–200mm f/3.5–5.6 IS**	29-320	N/A	DC motor	N/A	74°20'–07°48'	N/A	12/16	22–36	72	1.5	0.45	–	102	21.0	595	EW-78D	E-72	LP1116
• EF 22–55mm f/4–5.6 USM*	35–88	29–72	Ultrasonic	88°56'–42°52'	63°38'–27°52'	75°03'–34°09'	9/9	22–32	58	–	0.35	4–7/8	–	–	175	–	–	–
• EF 24–70mm f/2.8L USM	38–112	31–91	Ultrasonic	84°–34°	59°15'–22°04'	70°18'–27°08'	13/16	22	77	1.25	0.38	4–4	113.5	2.1 lbs.	950	EW-83F	E-77U	LP1219
• EF 24–70mm f/2.8L II USM	38–112	31–91	Ultrasonic	84°–34°	59°15'–22°04'	70°18'–27°08'	13/18	22	82	1.25	0.38	2–3/4	113	28.4	805	EW-88C	E-82U	LP1219
• EF 24–70mm f/4L IS USM	38–112	31–91	Ultrasonic	84°–34°	59°15'–22°04'	70°18'–27°08'	12/15	22	77	1.25	0.38	3.7	93	21	600	EW-83L	E-77 II	LP1219
• EF 24–85mm f/3.5–4.5 USM*	38–136	31–111	Ultrasonic	84°–28°30'	59°15'–18°14'	70°18'–22°29'	12/15	22–32	67	1.6	0.5	3–5/16	69.5	13.4	380	EW-73II	E-67U	LP1014
• EF 24–105mm f/3.5–5.6 IS STM	38–168	31–136	STM	84°–23°20'	59°15'–14°48'	70°18'–18°17'	13/17	22–36	77	1.3	0.4	4.1	104	18.52	525	EW-83M	E-77 II	LP1219
• EF 24–105mm f/4L IS II USM	38–168	31–136	Ultrasonic	84°–23°20'	59°15'–14°48'	70°18'–18°17'	12/17	22	77	1.5	0.45	4.7	118	28.04	795	EW-83M	E-77U	LP1219
• EF 24–105mm f/4L IS USM	38–168	31–136	Ultrasonic	84°–23°20'	59°15'–14°48'	70°18'–18°17'	13/18	22–27	77	1.5	0.45	4–5/8	107	1.5 lbs.	670	EW-83H	E-77U	LP1219
• EF 28–70mm f/2.8L USM*	45–112	36–91	Ultrasonic	75°–34°	51°58'–22°04'	62°13'–27°08'	11/16	22	77	1.6	0.5	–	117.6	1.9 lbs.	880	EW-83B	E-77U	–
• EF 28–70mm f/3.5–4.5*	45–112	36–91	MM	75°–34°	51°58'–22°04'	62°13'–27°08'	9/10	29	52	–	0.39	2–13/16	–	–	300	–	–	–
• EF 28–80mm f/3.5–5.6 IV USM*/V USM*	45–128	36–104	Ultrasonic	75°–30°	51°58'–19°21'	62°13'–25°51'	10/10	22–38	58	1.25	0.38	2–13/16	71.2	7.8	200	EW-60C	E-58	LP814
• EF 28–80mm f/3.5–5.6 II*/ III*	45–128	36–104	MM	75°–30°	51°58'–19°21'	62°13'–25°51'	10/10	22–38	58	1.25	0.38	2–13/16	71.2	7.8	200	EW-60C	E-58	LP814
• EF 28–80mm f/3.5–5.6*	45–128	36–104	MM	75°–30°	51°58'–19°21'	62°13'–25°51'	10/10	22–38	58	1.25	0.38	2–13/16	71.2	7.8	200	EW-60C	E-58	LP814
• EF 28–90mm f/4–5.6 USM*/ II USM*	45–144	36–117	MM/Ultrasonic	75°–27°	51°58'–17°14'	62°13'–21°16'	8/10	22–32	58	1.3	0.38	2–13/16	71.0	6.7	190	EW-60C	E-58U/E-58	LP814
• EF 28–90mm f/4–5.6 USM*	45–144	36–117	Ultrasonic	75°–27°	51°58'–17°14'	62°13'–21°16'	8/10	22–32	58	1.3	0.38	3	71.0	6.7	190	EW-60C	E-58	LP814
• EF 28–105mm f/3.5–4.5 USM*/ II USM	45–168	36–136	Ultrasonic	75°–23°20'	51°58'–14°48'	62°13'–18°17'	12/15	22–27	58	1.6	0.5	2–11/16	75.0	13.1	375	EW-63II	E-58U	LP814
• EF 28–105mm f/4–5.6 USM*	45–168	36–136	Ultrasonic	75°–23°20'	51°58'–14°48'	62°13'–18°17'	9/10	22–32	58	1.57	0.48	3–13/16	68.0	7.4	210	EW-63B	E-58U	LP814
• EF 28–135mm f/3.5–5.6 IS USM*	45–216	36–176	Ultrasonic	75°–18°	51°58'–11°32'	62°13'–14°16'	12/16	22–36	72	1.64	0.5	3–1/2	99.6	1.2 lbs.	540	EW-78BII	E-72U	LP1116
• EF 28–200mm f/3.5–5.6 USM*	45–320	36–260	Ultrasonic	75°–12°	51°58'–09°39'	62°13'–09°39'	12/16	22–36	72	1.5	0.45	2–1/2	89.8	1.1 lbs.	500	EW-78D	E-72U	LP1116
• EF 35–80mm f/4–5.6 II*/ III*/ USM*	56–128	46–104	MM	63°–30°	42°36'–19°21'	51°32'–23°51'	8/8	22–32	52	1.3	0.4	3–3/8	63.5	6.2	175	EW-54II	E-52	LP814
• EF 35–135mm f/4–5.6 USM*	56–216	46–176	Ultrasonic	63°–18°	42°36'–11°32'	51°32'–14°16'	12/14	22–32	58	2.5	0.75	–	86.0	15.0	425	EW-62	–	–

CANON EF LENS SPECIFICATIONS	Apparent Focal length (mm)		Focus Drive	Angle of View (Diagonal)			Lens Construction (Groups/Elements)	Minimum Aperture (f)	Filter Diameter (mm)	Closest Focusing Distance		Length		Weight		Lens Hood	Lens Cap	Case
	APS-C	APS-H		35mm	APS-C	APS-H				(ft.)	(m)	(in.)	(mm)	(oz.)	(g)			
Standard & Medium Telephoto																		
• EF 40mm f/2.8 STM	64	52	STM	57°30'	37°41'	45°48'	4/6	22	52	0.98	0.3	0.9	22.8	4.6	130	ES-52	E-52	LP811
• EF 50mm f/1.0L USM†	80	65	Ultrasonic	46°	30°32'	37°21'	9/11	16	–	2.0	0.6	3–3/16	81.5	2.2 lbs.	985	ES-79	E-72U	–
EF 50mm f/1.2L USM	80	65	Ultrasonic	46°	30°32'	37°21'	6/8	16	72	1.5	0.45	2.58	65.5	18.7	580	ES-78	E-72U	LP1214
EF 50mm f/1.4 USM	80	65	Ultrasonic	46°	30°32'	37°21'	6/7	22	58	1.5	0.45	2	50.5	10.2	290	ES-71III	E-58U	LP1014
EF 50mm f/1.8 STM	80	65	STM	46°	30°32'	37°21'	5/6	22	49	1.15	0.35	1.6	39.3	5.7	160	ES-68	E-49	LP1014
EF 50mm f/1.8 II†	80	65	MM	46°	30°32'	37°21'	5/6	22	52	1.5	0.45	1–5/8	41.0	4.6	130	ES-62#	E-52	LP1014
• EF 50mm f/1.8 ‡	80	65	MM	46°	30°32'	37°21'	5/6	22	52	1.5	0.45	1–5/8	41.0	4.6	130	ES-62#	E-52	LP1014
• EF 85mm f/1.2L II USM / USM†	136	111	Ultrasonic	28°30'	18°14'	22°29'	7/8	16	72	3.2	0.95	3–5/16	84.0	2.3 lbs.	1,025	ES-79III	E-72U	LP1219
• EF 85mm f/1.8 USM	136	111	Ultrasonic	28°30'	18°14'	22°29'	7/9	22	58	2.8	0.85	2–13/16	71.5	15.0	425	ET-65III	E-58U	LP1014
EF 100mm f/2 USM	160	130	Ultrasonic	24°	15°32'	19°11'	6/8	22	58	3.0	0.9	2–7/8	73.5	1.0 lb.	460	ET-65III	E-58U	LP1014

Telephoto Zoom																		
• EF 28–300mm f/3.5–5.6L IS USM	45–480	36–390	Ultrasonic	75°–8°15'	51°58'–5°12'	62°13'–06°26'	16/22	38	77	2.3	0.7	7–1/4	184.0	3.7 lbs.	1,670	EW-83G	E-77U	LZ1324
EF 35–350mm f/3.5–5.6L USM [†]	56–560	46–455	Ultrasonic	63°–0°7'03"	42°36'–04°28'	51°32'–05°31'	15/21	22–32	72	2.0	0.6	6–9/16	167	3.0 lbs.	1,385	EW-78	E-72U	–
EF 55–200mm f/4.5–5.6 USM [†] / II USM ^{††}	88–320	72–260	Ultrasonic	43°–12°	27°–0°7'48"	34°09'–09°39'	13/13	22–29	52	3.9	1.2	3–13/16	97.3	10.9	310	ET-54	E-52U	LP1016
• EF-55–250mm f/4–5.6 IS STM ^{††}	88–400	N/A	STM	N/A	27°50'–6°15'	N/A	12/15	22–32	58	2.79	0.85	4.4	111.2	13.2	375	ET-63	E-58 II	LP1019
• EF-S 55–250mm f/4–5.6 IS [†] / IS II ^{††}	88–400	N/A	DC motor	N/A	27°5'–6°15'	N/A	10/12	22–32	58	3.6	1.1	4.3	108	13.8	390	ET-60	E-58	LP1019
• EF 70–200mm f/2.8L IS II USM ^Δ	112–320	91–260	Ultrasonic	34°–12°	22°04'–0°7'48"	27°08'–09°39'	19/23	32	77	3.9	1.2	7.8	199	3.3 lbs.	1,490	ET-87	E-77U	LZ1326
• EF 70–200mm f/2.8L USM [†] / IS USM ^Δ	112–320	91–260	Ultrasonic	34°–12°	22°04'–0°7'48"	27°08'–09°39'	18/23	32	77	4.6	1.4	7–13/16	197.0	3.2 lbs.	1,470	ET-86	E-77U	LZ1324
• EF 70–200mm f/4L IS USM	112–320	91–260	Ultrasonic	34°–12°	22°04'–0°7'48"	27°08'–09°39'	15/20	32	67	3.9	1.2	6–7/8	172.0	26.8	760	ET-74	E-67U	LP1224
• EF 70–200mm f/4L USM ^{ΔΔ}	112–320	91–260	Ultrasonic	34°–12°	22°04'–0°7'48"	27°08'–09°39'	13/16	32	67	3.9	1.2	6–7/8	172.0	19.2	705	ET-74	E-67U	LP1224
EF 70–300mm f/4–5.6L IS USM ^{****}	112–480	91–390	Ultrasonic	34°–8°15'	22°04'–05°12'	27°08'–06°26'	14/19	32	67	3.9	1.2	5.6	143	27.8	788	ET-73B	E-67U	LP1424
• EF 70–300mm f/4.5–5.6 DO IS USM	112–480	91–390	Ultrasonic	34°–8°15'	22°04'–05°12'	27°08'–06°26'	12/18	32–38	58	4.6	1.4	3–7/8	99.0	1.6 lbs.	720	ET-65B	E-58U	LP1116
• EF 70–300mm f/4–5.6 IS II USM	112–480	91–390	Nano-USM	34°–8°15'	22°04'–05°12'	27°08'–06°26'	12/17	32	67	3.9	1.2	5.73	145.5	25.04	710	ET-74B	E-67 II	LP1222
• EF 70–300mm f/4–5.6 IS USM	112–480	91–390	Ultrasonic	34°–8°15'	22°04'–05°12'	27°08'–06°26'	10/15	32–45	58	4.9	1.5	5–7/16	137.2	1.4 lbs.	630	ET-65B	E-58U	LP1222
EF 75–300mm f/4–5.6 IS USM [†]	120–480	98–390	Ultrasonic	32°11'–8°15'	20°37'–05°12'	25°23'–06°26'	10/15	32–45	58	4.9	1.5	5–7/16	137.2	1.4 lbs.	650	ET-64II	E-58U	LP1022
• EF 75–300mm f/4–5.6 III [†] / III USM [†] / IS USM ^{††}	120–480	98–390	MM/Ultrasonic	32°11'–8°15'	20°37'–05°12'	25°23'–06°26'	9/13	32–45	58	4.9	1.5	4–13/16	122.0	1.1 lbs.	480	ET-60	E-58U	LP1019
EF 75–300mm f/4–5.6 USM	120–480	98–390	Ultrasonic	32°11'–8°15'	20°37'–05°12'	25°23'–06°26'	10/15	32–45	58	4.9	1.5	5–7/16	137.2	1.4 lbs.	650	ET-64II	E-58U	LP1022
EF 80–200mm f/2.8L [†]	160–480	130–390	AFD	30°–12°	19°21'–0°7'48"	25°31'–09°39'	13/16	32	72	5.9	1.8	7–5/16	186	2.9 lbs.	1,330	ES-79	–	–
• EF 80–200mm f/4.5–5.6 II [†] / USM [†]	128–320	104–260	MM/Ultrasonic	30°–12°	19°21'–0°7'48"	25°31'–09°39'	7/10	22–27	52	4.9	1.5	3–1/8	78.5	8.8	250	ET-54	E-52	LP1014
EF 100–300mm f/4.5–5.6 USM [†]	160–480	130–390	Ultrasonic	24°–8°15'	15°32'–05°12'	19°11'–06°26'	10/13	32–38	58	4.9	1.5	4–3/4	121.5	1.2 lbs.	540	ET-65III	E-58U	LP1019
• EF 100–300mm f/5.6 L [†]	160–480	130–390	AFD	24°–8°15'	15°32'–05°12'	19°11'–06°26'	10/15	32	58	4.6	1.4	6–9/16	167	1.5 lbs.	695	ET-62II	–	–
• EF 100–400mm f/4.5–5.6L IS II USM	160–640	130–520	Ultrasonic	24°–6°10'	15°32'–03°54'	19°11'–04°50'	16/21	32–38	77	3.2	0.98	7.6	193	55.38	1,570	ET-83D	E-77 II	LZ1326
EF 100–400mm f/4.5–5.6L IS USM ^{ΔΔΔ}	160–640	130–520	Ultrasonic	24°–6°10'	15°32'–03°54'	19°11'–04°50'	14/17	32–38	77	5.9	1.8	7–7/16	189.0	3.0 lbs.	1,360	ET-83C	E-77U	LZ1324

Telephoto																		
• EF 135mm f/2L USM ^Δ	216	175	Ultrasonic	18°	11°32'	14°16'	8/10	32	72	3.0	0.9	4–7/16	112.0	1.6 lbs.	750	ET-78II	E-72U	LP1219
EF 135mm f/2.8 w/ Softfocus	216	175	AFD	18°	11°32'	14°16'	6/7	32	52	4.3	1.3	3–7/8	98.4	13.8	390	ET-65III	E-52	LP1016
EF 200mm f/1.8L USM ^{†Δ}	320	260	Ultrasonic	12°	0°7'48"	0°9'39"	10/12	32	48 DI	8.2	2.5	8–3/16	208	6.6 lbs.	3,000	ET-123	E-162	–
• EF 200mm f/2L IS USM	320	260	Ultrasonic	12°	0°7'48"	0°9'39"	12/17	32	52 DI	6.2	1.9	8–3/16	208	5.6 lbs.	2,520	ET-120B	E-145B	–
• EF 200mm f/2.8L USM [†] / II USM	320	260	Ultrasonic	12°	0°7'48"	0°9'39"	7/9	32	72	4.9	1.5	5–3/8	136.2	1.6 lbs.	765	ET-838II	E-72U	LP1222
EF 300mm f/2.8L IS II USM ^Δ	480	390	Ultrasonic	8°15'	05°12'	06°26'	12/16	32	52 DI	6.6	2.0	9.7	247.5	5.25 lbs.	2,400	ET-120WII	E-145C	300B
• EF 300mm f/2.8L USM [†] / IS USM [†]	480	390	Ultrasonic	8°15'	05°12'	06°26'	13/17	32	52 DI	8.2	2.5	9–7/8	252.0	5.6 lbs.	2,550	ET-120	E-145	–
• EF 300mm f/4L USM [†] / IS USM ^{†ΔΔ}	480	390	Ultrasonic	8°15'	05°12'	06°26'	11/15	32	77	4.9	1.5	8–11/16	221.0	2.6 lbs.	1,190	Built-in	E-77U	LZ1128

Super Telephoto																		
• EF 200–400mm f/4L IS USM Extender 1.4X ^{ΔΔΔ}	320–640	260–520	Ultrasonic	12°–6°10'	7°48'–3°54'	9°39'–4°50'	20/25	32	52 DI	6.6	2.0	14.4	366	127	3,620	ET-120WII	E-145C	Lens Case 200–400
	448–896	364–728		8°50'–4°25'	N/A	N/A	24/33											
• EF 400mm f/2.8L IS II USM ^Δ	640	520	Ultrasonic	6°10'	03°54'	04°50'	12/16	32	52 DI	8.86	2.7	13.5	343	9.25 lbs.	4,200	ET-155WII	E-180D	400C
• EF 400mm f/2.8L USM [†] / II USM [†] / IS USM ^{†Δ}	640	520	Ultrasonic	6°10'	03°54'	04°50'	13/17	32	52 DI	9.8	3.0	13–11/16	349.0	11.7 lbs.	5,300	ET-155	E-180C	–
• EF 400mm f/4 DO IS II USM ^Δ	640	520	Ultrasonic	6°10'	03°54'	04°50'	12/18	32	52 DI	10.83	3.3	9.16	232.7	4.6 lbs.	2,100	ET-120WII	E-145C	400D
• EF 400mm f/4 DO IS USM ^{†ΔΔ}	640	520	Ultrasonic	6°10'	03°54'	04°50'	13/17	32	52 DI	11.48	3.5	9.16	232.7	4.3 lbs.	1,940	ET-120	E-145 II	–
EF 400mm f/5.6L USM ^{ΔΔΔ}	640	520	Ultrasonic	6°10'	03°54'	04°50'	6/7	32	77 DI	11.5	3.5	10–1/16	256.5	2.8 lbs.	1,250	Built-in	E-77U	LZ1132
• EF 500mm f/4L IS II USM	800	650	Ultrasonic	5°	03°07'	03°52'	12/16	32	52 DI	12.14	3.7	15.1	383	112.5	3190	ET-138	E-163B	500B
EF 500mm f/4L IS USM ^{†ΔΔ}	800	650	Ultrasonic	5°	03°07'	03°52'	13/17	32	52 DI	14.8	4.5	15–3/16	387.0	8.5 lbs.	3,870	ET-138	E-163	–
EF 500mm f/4.5L USM ^{†ΔΔΔ}	800	650	Ultrasonic	5°	03°07'	03°52'	6/7	32	48 DI	16.4	5.0	15–3/8	390	6.6 lbs.	3,000	ET-1238II	E-130	–
• EF 600mm f/4L IS II USM	960	780	Ultrasonic	4°10'	02°36'	03°13'	12/16	32	52 DI	14.77	4.5	17.6	448	138.3	3,920	ET-160	E-185B	600B
• EF 600mm f/4L USM ^{†ΔΔ} / IS USM ^{†Δ}	960	780	Ultrasonic	4°10'	02°36'	03°13'	13/17	32	52 DI	18.0	5.5	18	456.0	13.8 lbs.	5,360	ET-160	E-185	–
• EF 800mm f/5.6L IS USM	1,280	1,040	Ultrasonic	3°5'	01°57'	02°25'	14/18	32	52 DI	19.69	6.0	18.1	461.0	9.9 lbs.	4,500	ET-155	E-180C	–
EF 1200mm f/5.6L USM ^{†ΔΔΔ}	1,920	1,560	Ultrasonic	2°5'	01°18'	01°36'	10/13	32	48 DI	45.9	14.0	33	836.0	36.4 lbs.	16,500	Built-in	Exclusive	–

SPEEDLITE TECHNOLOGY

Integral to the EOS System, Canon Speedlite flashes are ideal flash sources for EOS cameras. They are technologically advanced to provide accurate exposure and illumination with just about any subject, yet are easy to operate, and can be used in conjunction with one another to create sophisticated wireless lighting setups with ease. Speedlite flashes, working with EOS cameras, can make it easy to for even novice photographers to obtain impressive results with ease.

Sophisticated Flash Control Modes

To help ensure accurate flash exposure, EOS cameras and Speedlites use E-TTL and E-TTL II flash exposure modes. In E-TTL (Evaluative Through-The-Lens) metering, readings are taken through the lens. After emitting a pre-flash, E-TTL uses the camera's evaluative metering sensor to compare the ambient light values with the light reflected from the subject by the pre-flash. The camera then calculates and stores the flash output required for optimum exposure of the main subject. E-TTL II further incorporates distance information from compatible EF lenses for more versatile flash exposure control. It even helps minimize underexposure that can occur with straight reflections by ignoring sensor areas that report abnormally high levels.

Extensive Flash Control

Flash controls include FE Lock, which adds Auto Exposure lock and Spot metering functions. The Speedlite's pre-flash fires when the camera's AE Lock button is depressed, providing enough time to both recompose the shot and alter the ambient light exposure for maximum creative control. With FP (focal-plane) flash, or High-speed Sync, the flash can sync at shutter speeds faster than the camera's normal maximum sync speed. Even in bright daylight, for example, a fast lens can be used at a wide aperture to reduce depth of field and emphasize the subject. Flash Exposure Compensation adjusts flash output without changing the shutter speed or aperture. It's effective at fine-tuning the balance between foreground and background exposure for fill flash shots, and can help compensate for extremely bright or dark tones in the subject.

Creative Flash Control

Select Speedlites offer additional creative control of flash operations for creative and special effects. Instead of firing the instant the shutter opens, Second-Curtain Sync fires the flash at the end of

the exposure, allowing streaks of light to flow naturally behind a moving subject. Stroboscopic flash is a series of flashes fired in rapid succession during a single exposure. With stroboscopic flash, multiple images of a moving subject appear in the photograph, helping to record high-speed action. Flash release enables photographers to release the camera shutter from the remote flash wirelessly with a 2-second delay. This feature makes it possible to reposition the flash with complete freedom – even out of the camera's line-of-sight and at some distance from the camera.

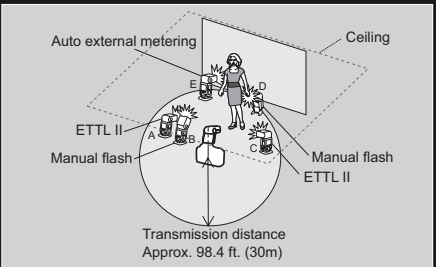
Wireless Radio Control

For sophisticated wireless flash setups, Canon's Speedlite flashes and transmitters represent the next generation in wireless flash systems. In addition to traditional optical wireless transmission, they facilitate radio controlled, two-way wireless transmission up to 100 feet, among up to five groups or 15 individual Speedlite flashes. Communicating on 2.4 GHz frequencies for radio transmission, radio controlled flash systems do not have the same directional limitations of traditional wireless optical transmitters. Where other wireless systems' signals can be interrupted with physical obstacles, radio controlled systems excel. To avoid interference with other equipment on the same frequency, 15 transmission channels are available, selectable manually or automatically, and radio transmission IDs can be set to prevent misfiring in the event of signal interference on the same channel. With diverse flash metering options, and a number of flash modes all accessible from the menu and quick control screens of select EOS cameras, Speedlite flashes and transmitters make complex lighting setups simple. With compact, weather sealed and reliable designs, combined with improved information panels and controls, they are indispensable, eminently adaptable tools for advanced, professional flash photography. For further ease of use, a linked shooting function releases the camera that has the Speedlite or transmitter set as the master unit and release up to 15 cameras with the Speedlite or transmitter set as slave units.

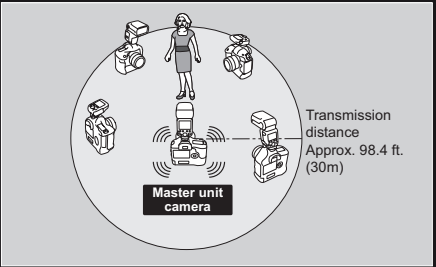


E-TTL/E-TTL II Wireless Autoflash Control

Up to three groups (for main, fill and background) of slave units can be set up for comprehensive control of flash lighting. Superb lighting is simple thanks to the E-TTL/E-TTL II autoflash system which controls and allows adjustment of the total flash output to ensure consistently correct exposure. Select EOS DSLR cameras with Integrated Speedlite Transmitters can control and trigger external Speedlites wirelessly through their built-in pop-up flash. The EOS 7D Mark II camera also includes a modeling flash feature for previewing the output of external Speedlite flashes. E-TTL/E-TTL II wireless autoflash also supports other Speedlite flash features including FE Lock, FP Flash, Flash Exposure Bracketing/ Compensation and Stroboscopic Flash. Finally, for macro shooting, Macro Lites can be used as master units as well.



Group Firing* – Set different flash modes for each group (A, B, C, D and E) and perform multiple wireless flash shooting. Two or more units can be set as the same group.



Linked shooting function – Releases the camera that has the Speedlite 600EX II-RT, Speedlite 600EX-RT, Speedlite 430EX III-RT or Speedlite Transmitter ST-E3-RT set as the master unit and release up to 15 cameras with the Speedlite or transmitter set as slave units.

SPEEDLITE FLASHES

Amazing Flash System

Canon offers a full range of Speedlite flash units compatible with EOS System cameras for a wide variety of applications and photographers' needs. They range from simple, economical flashes to high-power, highly advanced Speedlite flashes for professional use.



Speedlite 600EX II-RT

- Zoom flash head covers range of 20–200mm; maximum Guide Number 197 ft./60m at ISO 100.
- Improved performance of continuous flash.
- Wireless flash shooting support available for both radio and optical transmission.
- Multiple flash system with control of up to five groups of flashes.
- Dust- and water-resistant body.
- New flash-readiness indicator on display panel, button and dial operation and manual flash output.
- New accessories including bounce adapter, color filter sets and a soft case.



Speedlite 430EX III-RT

- Compact body for space efficiency and style.
- Zoom flash head covers a range of 24–105mm; maximum guide number 141 ft./43m at ISO 100.
- Convenient controls including built-in Catchlight Panel, Dot-matrix LCD and Control Dial.
- Can move 0–90°, 150° to the left and 180° to the right.
- Wireless flash shooting support available for both radio and optical transmission.
- Shortened recycling time and quick firing from 0.1–2.5 seconds per flash.
- Accessory options include color filter and new bounce adapter.



Speedlite 270EX II

- Ultra-compact, ultra-lightweight flash unit.
- Vertical bounce capability up to 90 degrees.
- Flash release function allows wireless shutter release from the flash with a 2-second delay for flash repositioning.
- Slave function allows the flash to be triggered wirelessly.
- Flash coverage can be switched between Normal and Tele settings.
- Max. Guide No. at Tele setting: 89 ft./27m at ISO 100.



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* Group firing mode is supported by EOS 5D Mark III and later camera models. In earlier camera models, all flashes will switch to E-TTL automatically and group control is reduced to 3 groups.



Macro Twin Lite MT-24EX

- Attaches to all Canon EF macro lenses (EF 180mm f/3.5L requires Macro Lite Adapter 72C).
- Twin flash heads can be rotated over 80° angle around lens in 5 degree increments.
- Heads can be swiveled or bounced and can be removed from mounting ring for added control.
- Powerful Guide Number of 78 (feet, at ISO 100), full E-TTL control and E-TTL features including FEL, Hi-speed sync and FEB.



Macro Ring Lite MR-14EX II

- Twin-tube ring lite designed for close-up photography with EF Macro lenses; flash tubes can fire together or independently.
- Shorter recycling time and reduced size when compared to Macro Ring Lite MR-14EX.
- Supports E-TTL (TTL/E-TTL) wireless autoflash in conjunction with one or more Speedlite 600EX-RT flashes.
- White LED focusing lamps and two forms of modeling flash permit preview of lighting effects.



Speedlite Transmitter ST-E3-RT

- Uses two-way radio wave communication for enhanced communication among master and slave units.
- Compatible with Speedlites 600EX II-RT, 600EX-RT and 430EX III-RT.
- Achieves a transmission distance of up to 98.4 ft./30m, all at a 360° angle.
- Up to 5 groups, or 15 individual flashes can be controlled via 1 transmitter.
- Supports E-TTL II flash, manual flash, strobe and external flash metering.
- Dot matrix LCD panel displays information simultaneously and backlit control panel means easy operation.



Speedlite Transmitter ST-E2

- Dedicated transmitter to control unlimited number of slave flashes.
- Compatible with Speedlites 600EX II-RT, 600EX-RT, 580EX II, 430EX III-RT, 430EX II, 320EX and 270EX II (also 580EX, 430EX and 420EX).
- Controls slave units up to 33 ft. outdoors and 49.5 ft. indoors.

Speedlite Specifications

	Speedlite 600EX II-RT	Speedlite 600EX-RT*	Speedlite 580EX II*	Speedlite 430EX III-RT	Speedlite 430EX II*	Speedlite 320EX*	Speedlite 270EX II	Speedlite 220EX II*	Macro Twin Lite MT-24EX	Macro Ring Lite MR-14EX II	Macro Ring Lite MR-14EX
Dimensions (W x H x D)	31 x 5.6 x 4.9 in. 78.7 x 143.2 x 122.7mm	31 x 5.6 x 4.9 in. 80 x 143 x 125mm	30 x 5.4 x 4.6 in. 76 x 137 x 117mm	28 x 4.5 x 3.9 in. 71 x 114 x 98mm	28 x 4.8 x 4.0 in. 72 x 122 x 101mm	28 x 4.5 x 3.1 in. 70 x 115 x 78.4mm	2.6 x 2.6 x 3.0 in. 65.8 x 65.2 x 77mm	2.7 x 3.62 x 2.42 in. 65 x 92 x 61.3mm	Control Unit: 29 x 4.9 x 3.8 in. 74 x 125.9 x 97.4mm Flash Unit: 9.3 x 3.5 x 1.9 in. 235 x 90.4 x 49mm	Control Unit: 2.7 x 4.7 x 2.8 in. 69.6 x 118.8 x 71.4mm Flash Unit: 5.1 x 4.4 x 1.0 in. 129.6 x 112.1 x 25.3mm	Control Unit: 2.9 x 4.9 x 3.8 in. 74 x 125.9 x 97.4mm Flash Unit: 4.44 x 4.96 x 1.02 in. 112.8 x 126 x 25.6mm
Weight (without batteries)	15.0 oz./435g	15.0 oz./425g	13.2 oz./375g	11.4 oz./295g	11.3 oz./330g	9.7 oz./275g	5.5 oz./155g	5.6 oz./160g	20.64 oz./585g (combined flash & control units)	16.05 oz./455g (combined flash & control units)	15.1 oz./428g (combined flash & control units)
Compatibility	All EOS cameras (Except EOS M10)	All EOS cameras (Except EOS M10)	All EOS cameras (Except EOS M10)	Type-A EOS cameras	All EOS cameras (Except EOS M10)	Type-A EOS cameras (Except EOS M10)	Type-A EOS cameras	All EOS cameras (Except EOS M10)	All EOS cameras (Except EOS M10)	All EOS cameras (Except EOS M10)	All EOS cameras (Except EOS M10)
Max. Guide Number (ISO 100)	196.9 ft./60m	196.9 ft./60m	190 ft./58m	141 ft./43m	141 ft./43m	105 ft./32m	89 ft./27m	72.2 ft./22m	79 ft./24m	34.4 ft./10.5m	45.9 ft./14m
Power Source	AA (Alkaline, re-chargeable Ni-MH) batteries (x4); Compact Battery Pack CP-E4N; Compact Battery Pack CP-E4; Compact Battery Pack CP-E3	AA (Alkaline, re-chargeable NiCd, Lithium-ion, Ni-MH) batteries (x4); Compact Battery Pack CP-E4; Transistor Pack E	AA (Alkaline, re-chargeable NiCd, Lithium-ion, Ni-MH) batteries (x4); Compact Battery Pack CP-E4; Transistor Pack E	AA (Alkaline, re-chargeable NiCd, Lithium-ion, Ni-MH) batteries (x4)	AA (Alkaline, re-chargeable NiCd, Lithium-ion, Ni-MH) batteries (x4)	Four AA-size batteries - alkaline, lithium, or re-chargeable Ni-MH usable	Two AA-size/LR6 Alkaline batteries	AA (Alkaline, re-chargeable NiCd, Lithium-ion, Ni-MH) batteries (x4)	AA (Alkaline, re-chargeable NiCd, Lithium-ion, Ni-MH) batteries (x4); Compact Battery Pack CP-E3; Transistor Pack E	AA (Alkaline, re-chargeable NiCd, Lithium-ion, Ni-MH) batteries (x4); Compact Battery Pack CP-E4; Transistor Pack E	AA (Alkaline, re-chargeable NiCd, Lithium-ion, Ni-MH) batteries (x4); Compact Battery Pack CP-E4; Transistor Pack E

SPEEDLITE ACCESSORIES

Speedlite to the Max

Whether adding a battery pack, connecting two or more Speedlite flashes, or creating a complex wireless lighting solution, Canon has flash accessories for almost any photographic situation that are perfect complements to your Speedlite flash.



EF 100mm f/2.8L Macro IS USM • f/11 • 1/4000

Cable	Battery Pack		Filter & Adapters		
					
Description	Speedlite Release Cable SR-N3 Provides remote release and linked shooting functions by transmitting a wireless release signal to the camera itself. It's compatible with cameras that have E-TTL/ETTL II autoflash, as well as an N3-type remote control terminal.	Compact Battery Pack CP-E4N This external power adapter helps provide a higher amount of continuous flashes and faster recycle times, as well as quieter operation during recharging.	Compact Battery Pack CP-E4 This dedicated external power pack is dust/water-resistant and makes the flash system dust/water-resistant. The power pack's performance is the same as the Compact Battery Pack CP-E3.	Color Filter SCF-E3 Compatible with the Speedlite 600EX II-RT, the SCF-E3 color hard-type Filter sets include the Color Filter SCF-E3OR1 and the Color Filter SCF-E3OR2, which help produce warm, atmospheric results and more natural light respectively.	Bounce Adapter SBA-E3 Compatible with the Speedlite 600EX II-RT, Bounce Adapter SBA-E3 widens and diffuses bounce lighting. This helps achieve a soft effect especially in shadow areas for more natural lighting.

Filter & Adapters

				
Description	Color Filter Set SCF-E1 Compatible with the EOS Speedlite 600EX-RT, the Color Filter Set SCF-E1 includes a light orange filter and a dark orange filter. These filters allow the user to create various lighting effects or to prevent an unnatural white balance when shooting indoors.	Color Filter SCF-E2 Compatible with the Speedlite 430EX III-RT, Color Filter SCF-E2 helps ensure consistent color in the foreground and background by changing the flash output color to match the ambient light. The camera then detects the subject and background have the same color temperature, and adjusts white balance accordingly.	Color Filter Holder SCH-E1 Compatible with the Speedlite 600EX-RT, Color Filter Holder SCH-E1 is a detachable holder for gelatin filters. It is particularly useful for matching ambient color temperature with that of the flash head for proper compensation.	Bounce Adapter SBA-E2 Compatible with the Speedlite 430EX III-RT, Bounce Adapter SBA-E2 is an opaque white filter that helps to diffuse the flash's output, creating an even illumination that helps to add dimension and eliminate distracting shadows, especially in portraiture.

Battery Pack Compatibility Chart

	600EX II-RT	600EX-RT*	580EX II*	430EX III-RT	430EX II*	320EX*	270EX II	MT-24EX	MR-14EX II	MR-14EX*	Weight
Compact Battery Pack CP-E4N (w/ Alkaline Batteries)	•	•	•	–	–	–	–	•	•	•	8.11 oz./230g
	Recycling Time (Sec.)	0.1-1.8	TBA	TBA	–	–	–	TBA	TBA	TBA	
	Shooting Capacity (No. of Flashes)	300-2100	TBA	TBA	–	–	–	TBA	TBA	TBA	
Compact Battery Pack CP-E4 (w/ Alkaline Batteries)	•	•	•	–	–	–	–	•	•	•	5.5 oz./155g
	Recycling Time (Sec.)	0.1-1.8	0.1-2.0	0.1-2.0	–	–	–	0.1-3	0.1-5.5	0.1-3	
	Shooting Capacity (No. of Flashes)	300-2100	100-700	350-2,450	–	–	–	450-2,800	100-700	120-800	
Compact Battery Pack CP-E3*	•	•	•	–	–	–	–	•	–	•	5.5 oz./155g

* Discontinued product, for reference only.

EOS SYSTEM ACCESSORIES

Get The Most Out of Your EOS Cameras

From battery grips to focusing screens, wireless communications to advanced lighting setups, even to storage and printing, the EOS System has a robust collection of accessories available to enhance and expand your camera's operation. Conceived and produced for seamless compatibility with the EOS System, Canon accessories can facilitate creativity, helping make photographs and HD video limited only by your imagination.



Battery Grip

Model					
	Battery Grip BG-E20*	Battery Grip BG-E18*	Battery Grip BG-E16*	Battery Grip BG-E14*	Battery Grip BG-E13*
Description	Shutter-Release button, AF area selection button, AF start button, AE Lock button, AF point selection button, Multi-controller, Main Dial, Multi-function button, Attach/detach dial, Vertical-grip operation switch	AE/FE Lock/Index/Reduce button, Main Dial, AF point selection/Magnify button, Aperture/exposure compensation button, Attach/Detach button, Vertical-grip operation switch	Shutter-Release button, AE/FE Lock/Index/Reduce button, Main Dial, AF-point selection/Magnify button, AF-frame-select button, AF area Selection lever, Aperture/Exposure compensation button, and Vertical-grip operation switch	Shutter-Release button, Main Dial, AF-point selection/Magnify button, AE/FE Lock/Index/Reduce button, AF-start button, AF area selection mode button, and Vertical-grip operation switch	Shutter-Release button, AE/FE Lock button, Main Dial. AF-point-select button, Vertical-grip operation switch
Weight	115.76 oz./390g (including battery magazine and excluding batteries)	9.35 oz./265g (without batteries)	11.6 oz./330g (without batteries)	10.4 oz./295g (without batteries)	10.2 oz./290g (without batteries)
Compatibility	EOS 5D Mark IV	EOS Rebel T6s, T6i	EOS 7D Mark II	EOS 80D, 70D	EOS 6D

* Accepts optional Hand Strap EI.

Battery Grip

Model			
	Battery Grip BG-E11*	Battery Grip BG-E9*	Battery Grip BG-E8*
Description	Shutter-Release button, AE/FE Lock button, Main Dial, Multi-controller, AF-point-select button, Multi-function button, Vertical-grip operation switch	AE/FE Lock/Index/Reduce button, Main Dial, AF point selection/Magnify button, Aperture/exposure compensation button, Attach/Detach button, Vertical-grip operation switch	AE/FE Lock/Index/Reduce button, Main Dial, AF point selection/Magnify button, Aperture/exposure compensation button, Attach/Detach button, Vertical-grip operation switch
Weight	10.9 oz./310g (without batteries)	10.4 oz./295g (without batteries)	8.1 oz./230g (without batteries)
Compatibility	EOS 5DS, 5DS R, 5D Mark III	EOS 60D, 60Da	EOS Rebel T5i, T4i, T3i, T2i

* Accepts optional Hand Strap EI.

Battery Pack

Model							
	Battery Pack LP-E10	Battery Pack LP-E8	Battery Pack LP-E6N/LP-E6	Battery Pack LP-E5	Battery Pack LP-E4N*	Battery Pack NP-E3	Battery Pack BP-511A/BP-512/BP-514
Description	Lithium-ion batteries. Each battery's operating specifications are tailored specifically for the cameras they are compatible with.						
Weight	1.6 oz./45g	1.8 oz./52g	2.82 oz./80g	1.8 oz./50g	6.5 oz./185g	11.8 oz./325g	2.5 oz./70g
Compatibility	EOS Rebel T6, T5, T3	EOS Rebel T5i, T4i, T3i, T2i	EOS 5DS, 5DS R, 5D Mark IV, 5D Mark III, 6D, 5D Mark II, 7D, 80D, 70D, 60D, 60Da	EOS Rebel T1i, XSi, XS	EOS-ID X Mark II, ID X, ID Mark IV, ID's Mark III, ID Mark III	EOS-ID's Mark II, ID's, ID Mark II n, ID Mark II, ID	EOS 5D, 50D, 40D, 30D, 20D,20Da,10D, D60, D30, Digital Rebel

* When using Battery Pack LP-E4/E4N with the EOS-ID X Mark II camera the continuous shooting speed and maximum burst rate will be lowered when compared to using the Battery Pack LP-E19.

Battery Charger

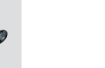
Model			
	Battery Charger LC-E19	Battery Charger LC-E17	Battery Charger LC-E12
Description	Battery charger that charges battery packs in approximately 170 minutes.	Battery chargers that charge battery packs in approximately 2 hours.	
Weight	11.82 oz./335g	3 oz./85g	2.9 oz./81g
Compatibility	EOS-ID X Mark II, ID X, ID Mark IV, ID's Mark III, ID Mark III	EOS 77D, EOS Rebel T6s, T7i, T6i, EOS M5, M6, M3	EOS Rebel SL1, EOS M10, M

Battery Charger

Model										
	Battery Charger LC-E10	Battery Charger LC-E8E	Battery Charger LC-E6	Battery Charger LC-E5	Battery Charger LC-E4N**	Battery Charger CG-580	Battery Charger CB-SL	Compact Power Adapter CA-PS700	Compact Power Adapter CA-PS400	Car Battery Charger CBC-E6
Description	Battery chargers that charge battery packs in approximately 2 hours.									
Weight	3.0 oz./85g (without cord)	2.9 oz./82g	4.6 oz./130g (without cord)	2.8 oz./80g	12.3 oz./350g	5.6 oz./160g	3.5 oz./110g (without cord)	6.5 oz./186g (without power cable)	10.1 oz./287g (excluding AC cord)	3.7 oz./105g
Compatibility	EOS Rebel T6, T5, T3	EOS Rebel T5i, T4i, T3i, T2i	EOS 5DS, 5DS R, 5D Mark IV, 5D Mark III, 6D, 5D Mark II, 7D Mark II, 7D, 80D, 70D, 60D, 60Da	EOS Rebel T1i, XSi, XS	EOS-ID X Mark II, ID X, ID Mark IV, ID's Mark III, ID Mark III	EOS 5D, 50D, 40D, 30D, 20D, 20Da, 10D, D60, D30, Digital Rebel	EOS 5D, 50D, 40D, 30D, 20D, 20Da,10D, D60, D30, Digital Rebel	EOS Rebel T5i, T4i, T3i, T2i, T6, T5, T3, T1i, XSi, XS, Digital Rebel XTi, XT, EOS M5, M6, M3, M10, M	EOS 5D, 50D, 40D, 30D, 20D, 20Da, 10D, D60, D30, Digital Rebel	EOS 5DS, 5DS R, 5D Mark IV, 5D Mark III, 6D, 5D Mark II, 7D, 80D, 70D, 60D, 60Da

** Although Battery Charger LC-E19 can be used to charge Battery Pack LP-E4/E4N, Battery Charger LC-E4/E4N cannot be used to charge Battery Pack LP-E19.

Car Battery Charger

Model										
	Car Battery Charger CBC-E5	DC Coupler DR-E19	DC Coupler DR-E18	DC Coupler DR-E17	DC Coupler DR-E15	DC Coupler DR-E12	DC Coupler DR-E10	DC Coupler DR-E8	DC Coupler DR-E6	AC Adapter AC-E19
Description	A car battery charger that plugs into a car's cigarette lighter. Charging is accomplished in approx. 2.5 hours.	Allows the camera to draw power directly from an AC power source when used in conjunction with a compatible AC adapter.								Allows the camera to draw power directly from an AC power source. They are designed to supply uninterrupted power.
Weight	4.9 oz./140g	7.23 oz./205g	2.97 oz./84g	0.63 oz./18g	0.6 oz./16g	0.5 oz./15g	0.6 oz./17.5g	0.7 oz./20g	3.9 oz./110g	19.93 oz./565g
Compatibility	EOS Rebel T1i, XSi, XS	EOS-ID X Mark II, ID X, ID Mark IV, ID's Mark III, ID Mark III	EOS 77D, EOS Rebel T6s, T7i, T6i	EOS M5, M6, M3	EOS Rebel SL1	EOS M10, M	EOS Rebel T6, T5, T3	EOS Rebel T5i,T4i, T3i, T2i	EOS 5DS, 5DS R, 5D Mark IV, 5D Mark III, 6D, 5D Mark II, 7D Mark II, 7D, 80D, 70D, 60D, 60Da	EOS-ID X Mark II, ID X

AC Adapter

Model										
	AC Adapter AC-E6N	AC Adapter Kit ACK-E18	AC Adapter Kit ACK-E17	AC Adapter Kit ACK-E15	AC Adapter Kit ACK-E12	AC Adapter Kit ACK-E10	AC Adapter Kit ACK-E8	AC Adapter Kit ACK-E6	AC Adapter Kit ACK-E5	AC Adapter Kit ACK-E4***
Description	Allows the camera to draw power directly from an AC power source. They are designed to supply uninterrupted power.									
Weight	6.35 oz./180g	2.97 oz./84g (DC Coupler) 5.65 oz./160g (AC Adapter)	0.6 oz./18g (DC Coupler) 6.5 oz./185g (AC Adapter)	0.6 oz./16g (DC Coupler) 6.5 oz./185g (AC Adapter)	0.5 oz./15g (DC Coupler) 6.5 oz./185g (AC Adapter)	0.6 oz./17.5g (DC Coupler) 6.5 oz./185g (AC Adapter)	0.7 oz./20g (DC Coupler) 6.5 oz./185g (AC Adapter)	3.9 oz./110g (DC Coupler) 6.2 oz./175g (AC Adapter)	15.0 oz./425g	14.1 oz./399g
Compatibility	EOS 5DS, 5DS R, 5D Mark IV, 5D Mark III, 6D, 7D Mark II, 7D, 80D, 77D, 70D, 60D, EOS Rebel T6s, T7i, T6i	EOS 77D, EOS Rebel T6s, T7i, T6i	EOS M5, M6, M3	EOS Rebel SL1	EOS M, M10	EOS Rebel T6, T5, T3	EOS Rebel T5i,T4i, T3i, T2i, BG-E8	EOS 5DS, 5DS R, 5D Mark IV, 5D Mark III, 6D, 5D Mark II, 7D Mark II, 7D, 80D, 70D, 60D, 60Da	EOS Rebel T1i, XSi, XS	EOS-ID X Mark II, ID X, ID Mark IV, ID's Mark III, ID Mark III

*** When using ACK-E4 with the EOS-ID X Mark II camera the continuous shooting speed and maximum burst rate will be lowered when compared to using AC-E19 + DR-E19.

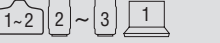
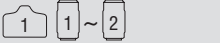
Wireless File Transmitter

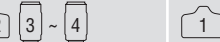
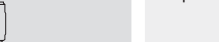
Model					
	Wireless File Transmitter WFT-E8A	Wireless File Transmitter WFT-E7A (Version 2) /WFT-E7A	Wireless File Transmitter WFT-E6A	Wireless File Transmitter WFT-E5A	Wireless File Transmitter WFT-E4 II A
Description	The Wireless File Transmitter WFT-E8A adds impressive wireless operation and speedy image transfer to the EOS-ID X Mark II camera. It improves communication speed, versatility and user interface, and streamlines wireless photography configurations. Supporting IEEE 802.11ac wireless protocol, it also features a refined user-interface, comprehensive smart device connectivity and numerous camera linked shooting options.	Wireless File Transmitter WFT-E7A transfers images from cameras directly to a computer via wireless local area networks (LAN), and offers enhanced features to improve efficiency for studios and media professionals including: wireless support for IEEE 802.11 a/b/g and the latest standard 802.11n for blazing communication speed, camera clock synchronization, linked shooting function, Bluetooth® support and auto re-send of images.	Canon's Wireless File Transmitter WFT-E6A transfers images from the EOS-ID X camera directly to a computer via wireless local area networks (LAN), and offers enhanced features to improve efficiency for studios and media professionals including: wireless support for IEEE 802.11 a/b/g and the latest standard 802.11n for blazing communication speed, camera clock synchronization, linked shooting function, Bluetooth® support and auto re-send of images.	This wireless transmitter is compatible with Wi-Fi Protected Setup to connect to a wireless LAN access point and automatically leads to the security setting. Images can be stored in selected folders and the entire folder transferred. Added features include IEEE 802.11a/b/g compatibility, WPS compatibility, WFT server EOS 7D, camera linking function and Bluetooth® function. It allows wireless transmission to Mac or Windows computers up to 492 ft.	This wireless transmitter is compatible with Wi-Fi Protected Setup to connect to a wireless LAN access point and automatically leads to the security setting. Images can be stored in selected folders and the entire folder transferred. Added features include IEEE 802.11a/b/g compatibility, WPS compatibility, camera linking function and Bluetooth® function. It allows wireless transmission to Mac or Windows computers up to 492 ft.
Compatibility	EOS-ID X Mark II	EOS 5DS ^a , 5DS R ^a , 5D Mark IV ^a , 5D Mark III, 7D Mark II ^a	EOS-ID X Mark II, ID X	EOS 7D	EOS 5D Mark II

△ The WFT-E7A requires a firmware update and Interface Cables IFC-40AB II or IFC-150AB II to work with the EOS 5DS, EOS 5DS R, 5D Mark IV and 7D Mark II.

Microphone		Rain Cover			
Model	 Directional Microphone DM-E1	Model	 Rain Cover ERC-E5S	 Rain Cover ERC-E5M	 Rain Cover ERC-E5L
Description	A directional stereo microphone developed to enhance the sound quality of Canon EOS digital cameras. It connects through an external mic jack, and features various directional controls to suit the environment you are in. Compatible with all Canon EOS digital cameras that have a microphone jack.	Description	The rain cover can be used with any EOS DSLR and select EOS film cameras by replacing the eyecup. Comes in small, medium and large to fit a wide range of lenses. 		
Dimensions (W x H x D)	Approx. 1.57 x 3.31 x 5.12 in./ 40.0 x 84.0 x 130mm				
Weight	3.88 oz./ 110g				

Protecting Cloth		Canon Straps							
Model	 Protecting Cloth PC-E1	Model	 Professional Neck Strap 1*	 Wide Neck Strap EW-EOS 5D Mark II	 Wide Strap EW-EOS 7D*	 Wide Strap EW-EOS 70D	 Wide Strap EW-EOS 60D*	 Neck Strap EM-200DB	
		 Wide Strap EW-100DB V*	 Wide Strap EW-100DB IV*	 Neck Strap L4	 Neck Strap L3*	 Hand Strap E2*	 Neck Strap EM-E2 (Brown/Black)		
*Also available separately.									

Bag					
Model	 Digital Gadget Bag 100DG	 Digital Gadget Bag 200DG	 Professional Gadget Bag 1EG	 Deluxe Gadget Bag 10EG	 Gadget Bag 2400
Description	To hold cameras, lenses, accessories and a laptop computer. It features a durable, water-repellent nylon extender, pockets and padded dividers. Also Custom Media Case 100G* to organize memory cards and CDs is included.	This bag has a roomy main compartment for camera body and extra lenses. Front and side pockets hold extra batteries, storage media and others. This functional bag features a non-slip shoulder strap and water-resistant nylon covering to keep your gear safe and sound.	Waterproof, urethane-coated material provides this bag with superlative weather protection and the weather flapped top cover. Fully padded pockets and zippered pouches provide storage spaces with fast access to equipment.	Made with rugged, waterproof material with all the features of the Professional Gadget Bag 1EG. Plus a built-in waist belt that tucks away behind the rear pouch.	A lightweight and versatile camera bag designed to hold your important gear. Durable water-repellant nylon shell and padded interior keep all equipment secure. Front and side pockets add storage space and easy access for smaller items.
Storage Capacity					
Dimensions	Inside: 13" x 9.5" x 6.25" (W x H x D)	Inside: 10.5" x 7.5" x 7" (W x H x D)	Inside: 14.2" x 8.7" x 8.3" (W x H x D)	Inside: 10.5" x 8.0" x 7.5" (W x H x D)	Size: 9.5" x 7.0" x 6.0" (W x H x D)

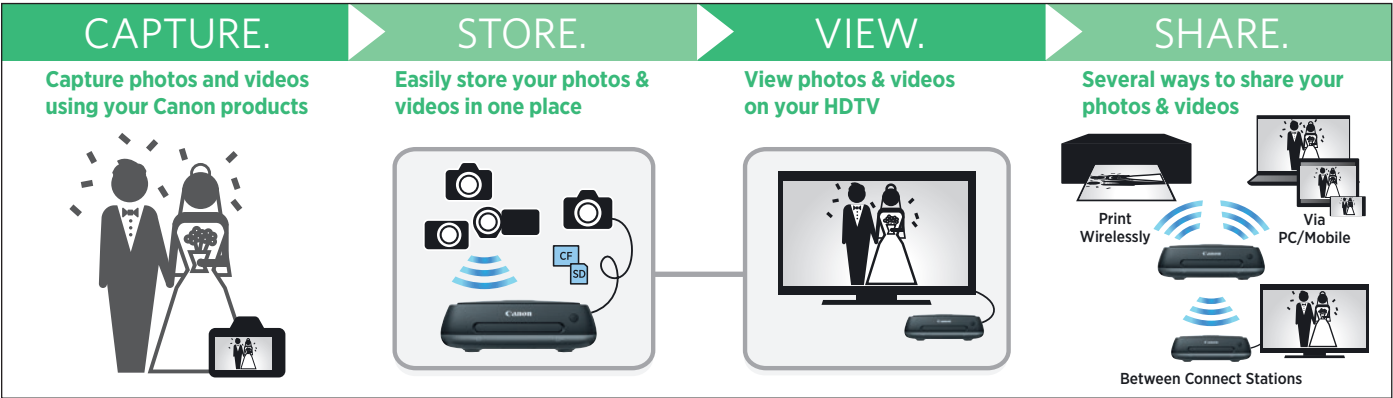
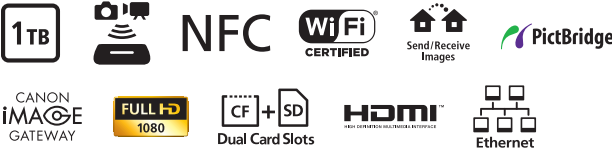
Bag				Case				
Model	 Deluxe Back Pack 200EG	 Custom Gadget Bag 100EG	 Zoom Pack 1000	Model	 Semi-Hard CaseEH27-L	 Semi-Hard CaseEH19-L	 Semi-Hard CaseEH24-L	 Body JacketEH29-CJ (Brown/Black)
Description	Perfect for the active photographer. Constructed of rugged water-repellant nylon, well-arranged dividers and multiple pockets and pouches mean there is plenty of room for just about anything.	The front zippered pouch features 3 accessory pockets. The rear flat-pouch is perfect for storing things such as plane tickets. There is also a zippered full-length mesh pouch inside the top cover.	Specially designed to comfortably transport one camera with a standard zoom lens. It features waterproof material, a belt strap and front pouch for small items such as films, memory cards or accessories.					*Cameras not included
Storage Capacity				Compatibility*	EOS Rebel T6s, T7i, T6i	EOS Rebel T5i, T4i, T3i, T5, T3, T1i, XSi	EOS Rebel T5i, T4i, T3i, T5, T3, T1i, XSi	EOS M5
Dimensions	Inside: 10" x 14.75" x 5" (W x H x D)	Inside: 9" x 7" x 5.5" (W x H x D)	Inside: 6.5" x 8.7" x 4.72" (W x H x D)					

*For compatibility with specific lenses see your Canon Authorized Dealer or visit usa.canon.com/eos.

Connect Station CS100

The Center Of Your Imaging World

The Canon Connect Station CS100 device provides an easy and convenient way to store, organize, view and access all of your photos and videos. Designed to work seamlessly with Canon cameras and camcorders, built-in Wi-Fi® and Near Field Communication (NFC)* enable virtually instant transfers to the Connect Station CS100. Whatever you capture, the Connect Station CS100 makes it possible for you to easily enjoy every photo and video with all of your family and friends.



CS100 Key Features

With up to 1TB of storage, the Connect Station CS100 device can store approx. 150,000 photos or approx. 70 hours** of video. Simply transfer files with a variety of methods including built-in NFC, which allows importing with a simple tap. From there you can enjoy your photos and videos on an HDTV via an HDMI connection, create albums and slideshows, print wirelessly and share directly to another Connect Station CS100 or on select social media sites through CANON iMAGE GATEWAY***.



Convenience With A Touch



Connect Station App#

Relive your memories easily with the new Connect Station app! By seamlessly linking your compatible smart device with the CS100 device, it provides a swift and simple way to view and transfer your favorite photos and videos.



Camera Connect App##

Camera Connect is a unified app that connects your mobile devices to any Wi-Fi® or Bluetooth®-equipped Canon camera and camcorder. It makes easy to see what you've captured, transfer photos and videos to your mobile device, and control your camera.

AVAILABLE NOW ON



* Wireless image transfer is compatible only with Canon cameras and camcorders equipped with NFC and released in 2015 and later. ** Calculated with approx. 6.6MB for each photo and with average 32Mbps Full HD video. *** One-time registration is required on CANON iMAGE GATEWAY online photo album. # The Canon Connect Station CS100 device requires a firmware update to enjoy the full benefits of the new smartphone app. Now available, you can perform this update when prompted on your Connect Station CS100. ## Compatible with iOS® versions 8.4/9.3/10.2, Android™ smartphone and tablet versions 4.1/4.2/4.3/4.4/5.0/5.1/6.0/7.0/7.1. Data charges may apply with the download of the free Canon Camera Connect app. This app helps enable you to upload images to social media services. Please note that image files may contain personally identifiable information that may implicate privacy laws. Canon disclaims and has no responsibility for your use of such images. Canon does not obtain, collect or use such images or any information included in such images through this app.

PowerShot TECHNOLOGY

The Canon PowerShot G-Series line-up packs powerful features and impressive picture quality into advanced, easy-to-use compact cameras. A large 1.5-inch or 1.0-inch CMOS sensor brings outstanding image quality while fast, high-quality Canon zoom lenses grab sharp detail even in low light. Intuitive manual controls and customizable menus let you fine-tune your images with minimal effort. The PowerShot G-Series offers five distinct, compact and stylish cameras, each with a powerful set of features designed to help capture photos and videos the way you want to. With the PowerShot G-Series of cameras, there's a choice for everyone.

CMOS Sensors

The 1.5-inch type and 1.0-inch type CMOS sensor found on PowerShot G-Series cameras capture stills and videos in amazing quality. These large sensors capture more light with every pixel, enabling incredible low-light performance up to ISO 12800 with minimal noise and a wide dynamic range even in shadow and highlight areas. They also allow RAW images to be captured in 3:2 and 4:3 while maintaining the same angle of view. The added benefit of fast lenses offers great control over depth of field, making it easy to achieve sharp images with beautiful background blur.

DIGIC Image Processors

DIGIC Image Processors help deliver high-speed continuous shooting, steadier video shooting in Full HD, advanced noise reduction under low light and an advanced Multi area White Balance. The powerful **DIGIC 6** Image Processor brings outstanding clarity to low-light shooting for incredibly steady video capture, while the **DIGIC 7** Image Processor helps ensure each image has high amounts of sharpness and keeps picture noise to a minimum.



HS System

The Canon HS System combines an advanced high sensitivity sensor and the brilliant Image Processor, along with bright lenses and the Canon Optical Image Stabilizer, to help ensure enhanced performance. It delivers lower noise images even at higher ISO speeds and an increase in dynamic range. The result is dramatically improved image quality with less blurring and superb detail in numerous shooting situations.



Bright Lenses with Image Stabilization

PowerShot G-Series cameras come equipped with some of the most outstanding optics offered by Canon. Maximum apertures, fast lenses and wide angle zooms help ensure that images are sharp and crisp. Intelligent IS helps you concentrate on image capture by automatically analyzing camera movement and applying the most effective IS settings to prevent blurring. Optical Image Stabilizer (OIS) shifts a lens group to correct unwanted camera movement, reducing camera shake for a sharper, steadier image when shooting handheld, even in low light.



Full HD Video

PowerShot G-Series cameras can shoot stunning 1080p Full HD video. The PowerShot G3 X, G5 X, G7 X Mark II and G9 X Mark II can record in 1080p/60p for truly cinematic quality. Enjoy your spectacular HD footage with stereo sound on your HDTV using the convenient HDMI output connector.



Built-in Wireless Capability

Built-in Wi-Fi** connectivity enables easy sharing of images to social networking sites, CANON iMAGE GATEWAY* and compatible smart devices, and allows for wireless printing to a PictBridge (Wireless LAN) certified printer. Remote control using a smartphone is also possible through the Canon Camera Connect app**. Plus, there's built-in NFC to streamline connection to compatible Android™ devices*** with a single tap. The PowerShot G9 X Mark II also features Bluetooth** connectivity, which lets you easily connect to and remotely control the camera from compatible smartphones using the free Canon Camera Connect app.



PowerShot DIGITAL CAMERA

G-SERIES CAMERAS

The PowerShot G-Series packs high picture quality into a line-up of premier compact cameras. They have a large 1.5-inch or 1.0-inch CMOS sensor, a fast lens and unique features designed to help you capture your vision the way you want. With the PowerShot G-Series, there's a choice for everyone.



PowerShot G1 X Mark II DIGITAL CAMERA



The Mark of PowerShot Excellence

The PowerShot flagship raises imaging performance with a large, 1.5-inch CMOS sensor, a powerful DIGIC 6 Image Processor and a 5x Optical Zoom lens with Optical Image Stabilizer. Wi-Fi** and NFC** enabled and compatible with select EOS accessories, the PowerShot G1 X Mark II camera is a powerful compact camera that can handle most any photographic situation it encounters.



PowerShot G3 X DIGITAL CAMERA



Voyage to Awe-Inspiring Images

The PowerShot G3 X camera packs a design that's easy to carry, a 1.0-inch CMOS sensor and an incredible 25x Optical Zoom lens. Capture action in 1080p Full HD video, and share your images/videos with built-in Wi-Fi** and NFC**. Whether you're traveling near or far, you'll want to pack the PowerShot G3 X camera.



PowerShot G5 X DIGITAL CAMERA



Great Images Are in Your View

Featuring a 2.36 million dot electronic viewfinder, the PowerShot G5 X camera makes it simple to capture high quality stills and video without taking your eye away from the camera. With its 1.0-inch CMOS sensor and a 4.2x Optical Zoom lens, it can deliver incredible performance that's easy to see.



PowerShot G7 X Mark II DIGITAL CAMERA



Illuminate Your Passion

Stay inspired with the PowerShot G7 X Mark II camera, which combines exhilarating speed and performance with a smart, compact design. Featuring a 1.0-inch sensor, the powerful **DIGIC 7** Image Processor, a fast 4.2x Optical Zoom lens, 31 AF points and up to 8.0 fps continuous shooting, it can help capture great images whenever your creativity sparks.



PowerShot G9 X Mark II DIGITAL CAMERA



The Moment is Yours

The PowerShot G9 X Mark II camera combines an ultra-slim design with high-performing features for incredible image quality and easy portability. Packing a powerful 1.0-inch CMOS sensor into an ultra-slim design, the PowerShot G9 X Mark II camera is powered by the **DIGIC 7** Image Processor for fast operation and features built-in Bluetooth** connectivity for easy sharing.



** Compatible with iOS* versions 8.4/9.3/10.2, Android™ smartphone and tablet versions 4.1/4.2/4.3/4.4/5.0/5.1/6.0/7.0/7.1. Data charges may apply with the download of the free Canon Camera Connect app. This app helps enable you to upload images to social media services. Please note that image files may contain personally identifiable information that may implicate privacy laws. Canon disclaims and has no responsibility for your use of such images. Canon does not obtain, collect or use such images or any information included in such images through this app. *** Compatible with Android™ smartphone and tablet versions 4.0/4.1/4.2/4.3/4.4/5.0/5.1/6.0/7.0/7.1. ^ Compatible with select smartphone and tablet devices (Android™ version 5.0 or later and the following iOS* devices: iPhone 4s or later, iPad 3rd gen. or later, iPod Touch 5th gen. or later) equipped with Bluetooth* version 4.0 or later and the Camera Connect App Ver. 2.0.30. This application is not guaranteed to operate on all listed devices, even if minimum requirements are met. # One-time registration is required on CANON iMAGE GATEWAY online photo album.

** Compatible with iOS* versions 8.4/9.3/10.2, Android™ smartphone and tablet versions 4.1/4.2/4.3/4.4/5.0/5.1/6.0/7.0/7.1. Data charges may apply with the download of the free Canon Camera Connect app. This app helps enable you to upload images to social media services. Please note that image files may contain personally identifiable information that may implicate privacy laws. Canon disclaims and has no responsibility for your use of such images. Canon does not obtain, collect or use such images or any information included in such images through this app. *** Compatible with Android™ smartphone and tablet versions 4.0/4.1/4.2/4.3/4.4/5.0/5.1/6.0/7.0/7.1. ^ Compatible with select smartphone and tablet devices (Android™ version 5.0 or later and the following iOS* devices: iPhone 4s or later, iPad 3rd gen. or later, iPod Touch 5th gen. or later) equipped with Bluetooth* version 4.0 or later and the Camera Connect App Ver. 2.0.30. This application is not guaranteed to operate on all listed devices, even if minimum requirements are met.

CINEMA LENSES

Canon's expanding lineup of dedicated Super 35mm Cinema Lenses is engineered to meet the most demanding requirements of high-end cinematography. Covering a wide range of popular cinema focal lengths, they're fit for everything from film production to TV commercials. These are the lenses filmmakers need for all reasons

Canon Cinema Zoom and Compact Zoom Lenses

Canon Cinema Zoom and Compact Zoom Lenses use advanced optical glass materials, optical coatings and powerful sophisticated design techniques to offer amazing 4K optical performance. All four lens models are available in EF- or PL-mount versions, and for added flexibility the mount on all models can be switched at a Canon service facility. Zoom Lens Series – Canon Cinema Zoom Lenses offer extraordinary optical performance that exceeds 4K resolution. They combine fluorite and aspherical lens elements, the latest in advanced optical coatings and superb lens designs for outstanding edge-to-edge image quality. These lenses also feature minimal lens distortions and exceed the resolving power of the prime lenses at all zoom levels. Surprisingly low-weight, they cover the range of focal lengths most commonly used in filmmaking. Compact Zoom Lens Series – Canon Cinema Compact Zoom Lenses offer 4K resolution in form factors that enable more flexible, less intrusive shooting. They feature a constant T-number (2.8) throughout their zoom ranges as well as the latest advancements in lens design for outstanding image quality and minimal distortion. These lenses are ideal for Steadicam™ and hand-held shooting as well as for applications beyond filmmaking.

Canon Cinema Prime Lenses

The flexible series of Canon Cinema Prime Lenses offers spectacular 4K-image quality and a full-frame image circle, in lightweight, compact designs. This family of lenses features high optical speed, produces amazingly sharp images and superb contrast, and maintains tightly controlled focus breathing and geometric distortion. Low T-numbers enable better low-light shooting and enhanced image expression with shallow depth of field and beautiful bokeh of large image circles. These EF-mount models offer consistent form factors and markings that have been optimized for motion picture production, and represent the beginning of an evolving family of cinema primes. Canon Cinema Prime Lenses are also compatible – under manual operation – with all Canon EOS DSLR models, including both full-frame cameras and models that use APS-C sensors.



CINE-SERVO and COMPACT-SERVO Lenses

Canon CINE-SERVO and COMPACT-SERVO lenses pair a servo drive unit with a compact design to facilitate mobile recording. CINE-SERVO lenses provide outstanding versatility and operability and superb 4K optical performance suitable for cinema and broadcast applications. Ideal for cinematographers who are looking to step up to a variety of professional video productions, COMPACT-SERVO lenses are even more portable and lightweight for increased mobility.

Cinema Lens Gearing and Control

Canon Cinema Lenses meet cinematographers' highest expectations of control over focus, iris and zoom. Wide rotation angles – especially on focus controls – combine with large, highly visible scales, high mechanical accuracy and tactile resistance that augments operational precision. A unique optical design significantly minimizes focus breathing, facilitating a new level of creative focus pulls. The gears of on select lenses are precisely matched in location and diameter for convenient lens exchange during a shoot.

CINEMA CAMERAS

Each Cinema EOS camera offers superb image performance and outstanding operational features and benefits. They are innovative, digitally and physically robust, and backed by Canon's legendary high-quality craftsmanship. Indeed, these are the cinema cameras that let you go wherever the story takes you.



EOS C300 Mark II EOS C300 Mark II PL

A Camera Built to Keep Up With Your Vision

The EOS C300 Mark II Digital Cinema Camera is an evolutionary 2nd generation Cinema EOS 4K camera system with many new features including 4K/2K/Full HD internal and external recording (including 4K RAW output), a new 10-bit Canon Log 2 Gamma and a developed 8.85 Megapixel Canon Super 35mm 16:9 CMOS image sensor. It also features an expanded dynamic range of 15 stops, improved Dual Pixel CMOS Autofocus, innovative focus assist engineering and CFast™ recording technology. It helps to deliver more creative flexibility for professional studio motion picture production applications, as well as independent productions, TV dramas, commercials, news features, sports and more.

4K 2K HD



EOS C700 / EOS C700 PL EOS C700 GS PL

Our Flagship Cinema EOS Camera

The Cinema EOS C700 Digital Cinema Camera* is what so many cinematographers have been asking for from Canon, incorporating what Canon has learned through professional feedback since the original Cinema EOS C300 was announced. Designed to be a flexible "A" camera for any type of shooting scenario, the EOS C700 features both internal 4K ProRes and XF-AVC recording, and can record uncompressed RAW up to 120 frames per second with the optional 4K Codex CDX-36150 recorder. The EF and PL mount versions of the camera feature a pixel resolution up to 4.5K and a dynamic range of 15 stops, while the EOS C700 GS PL features 14 stops of dynamic range, up to 4.2K resolution and a global shutter.

4.5K 4.2K
(for GS PL model)



EOS C100 Mark II A Digital HD Camera Designed for Maximum Creative Freedom

Optimized for one-person use and compatible with the full range of Canon EF, EF-S, and EF-mount CN-E Cinema lenses, the greatly evolved Canon EOS C100 Mark II Digital HD camera integrates the same Emmy™-Award winning Canon Super 35mm CMOS Sensor used in all of Canon's Cinema EOS cameras, but now it replaces the Canon DIGIC DV III Image Processor with the more sophisticated Canon DIGIC DV 4 Image Processor. In addition to improved RGB video processing, the camera's dual codec capability supports simultaneous AVCHD and MP4 recording, including 59.94P capture along with slow and fast motion recording. A re-designed 270° rotating 3.5-inch OLED panel, and a tiltable large EVF with large-sized eyecup, further empower the camera operator.

HD

*At time of printing, the Cinema EOS C700 GS PL has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained.

PHOTO PRINTERS

In the studio, on location or at home, Canon's imagePROGRAF-Pro Series and PIXMA printers are designed as ideal complements to the EOS system to help bring images to life. Whether producing snapshots, posters or fine art prints, Canon printers create crisp and detailed photographs with wide dynamic range, smooth gradations, an inspiring color palette and impressive print longevity. Powerful features include advanced imaging engines, state of the art printer heads and wireless connectivity, a user interface that's both intuitive, and sophisticated, and speedy performance for incredible, consistent results. No matter the project, Canon's extensive collection of imagePROGRAF and PIXMA printers deliver, time after time.



imagePROGRAF PRO-4000

Extraordinary Printing up to 44" Wide.

The imagePROGRAF PRO-4000 printer produces prints of superlative image quality and color consistency in widths of up to 44 inches. It features a 1.28-inch wide 12-channel integrated compact print head with an 11-color LUCIA PRO ink set plus Chroma Optimizer, for incredible color and deep blacks regardless of the media. A high-precision mechanical platform means stable, precise printing and a 3-chip L-COA PRO high-speed image processing engine handles massive amounts of image data for speedy performance without compromise. With a built-in 320 GB hard drive, Wi-Fi® connectivity, thumb drive compatibility and more, the imagePROGRAF PRO-4000 is a versatile and reliable go-to for your biggest projects.



imagePROGRAF PRO-2000

Superlative Printing up to 24" Wide.

The 24-inch imagePROGRAF PRO-2000 printer is designed to exceed expectations for image quality and color consistency in large format printing. It has a 1.28-inch wide 12-channel integrated compact print head with LUCIA PRO inks and Chroma Optimizer and refined anti-clogging technology, a high-precision mechanical platform plus Canon's L-COA PRO high-speed image processing engine all engineered to create nuanced, gorgeous prints reliably and with surprising speed. With a Canon-to-Canon workflow, the imagePROGRAF PRO-2000 printer transforms images captured on an EOS camera into long-lasting prints of inspiring depth with a level of detail that's incredible to behold.

imagePROGRAF PRO-1000

The Printer that's Equally Obsessed.

The imagePROGRAF PRO-1000 is engineered to deliver the performance and results professional photographers demand. Whether producing black and white photos with deep blacks and detailed gradations or color prints with extensive dynamic range, the imagePROGRAF PRO-1000 delivers superlative fidelity, detail and scale. Thanks to its 11-color LUCIA pro pigment ink system with Chroma Optimizer, a PF-10 print head with 18,432 nozzles and Canon's amazing Air Feeding system, the imagePROGRAF PRO-1000 can produce breathtaking prints up to 17 inches wide, time and again. Wi-Fi® connectivity and printing from a thumb drive, plus 3.5-inch LCD color panel mean versatile operation, no matter the subject.



imagePROGRAF / PIXMA

PRO SERIES



PIXMA PRO-10 / PRO-100

Professional Photo Inkjet Printer

Accurate Color. Expressive Black & White.

The PIXMA PRO 100 and PRO 10 Professional Inkjet Printers deliver stunning prints at widths up to 13 inches. Both feature Canon's Optimum Image Generating System, which is designed to analyze each area of the image and choose the best ink mixture for natural and consistent color printing. The PIXMA PRO 100 features an 8-ink dye based ChromaLife 100+ system for vivid printing on various media. The PIXMA PRO 10 features a 10-color LUCIA pigment ink system with three black inks plus a Chroma Optimizer for prints that will last generations. Both printers feature two paper trays to accommodate various paper and media types.



PIXMA TS9020

Inkjet All-In-One Printer

The Printer that Has it All for Those Who Want it All.

The Canon PIXMA TS9020 Wireless Inkjet All-In-One Printer is the ultimate, everyday color printer for photographers. It's sleek, compact and stylish, and available in two-tone white/black and red/black case design options. It prints gorgeous photos quickly with its six-color ink system, including a dedicated gray ink tank. It features a built-in SD Card reader¹, a 2400 x 4800 DPI optical scanner, Wi-Fi² connectivity, Ethernet, Google Cloud Print³ and AirPrint⁴, plus NFC⁵ for compatible smartphones. It has a large, easy-to-read 5.0" touch screen and enhanced user interface, document removal reminder and auto expandable output tray. It delivers outstanding results with speed and ease, every time.

¹ Compatible memory cards include SD™ Card, SDHC™ Card. The following can be used with the addition of a special adapter sold separately: miniSD™ Card, miniSDHC™ Card, microSD™ Card, microSDHC™ Card.
² Wireless printing and scanning requires a working network with wireless 802.11b/g or n capability. Wireless performance may vary based on terrain and distance between the printer and wireless network clients.
³ Requires an Internet connection and Google account. Subject to Google Terms of Service. Certain exceptions may apply.
⁴ AirPrint functionality requires an iPad, iPhone 3GS or later, or iPod touch 3rd generation or later device running iOS 4.2 or later, and an AirPrint-enabled printer connected to the same network as your iOS device.
⁵ A printer connected to the USB port of your Mac, PC, AirPort Base station, or Time Capsule is not supported.
⁵ Requires an Internet Connection.



PIXMA iP110

Mobile Printer

Stylish High-resolution Printer and
Optional Battery for Your Mobile Lifestyle.

For superior photo printing on the go, the PIXMA iP110 Mobile Photo Printer offers wireless² convenience and phenomenal image quality. Its compact and lightweight design makes it easy to create professional quality prints from just about anywhere. It features a FINE printing head for speed and detail, producing microscopic droplets as small as 1 picoliter. Long lasting ChromaLife inks deliver a wide color gamut and deep blacks for gorgeous photos and crisp text up to 8.5" x 11". Wireless printing is a breeze from computers, tablets and smartphones. An optional battery further expands the PIXMA iP110's versatile performance.

Expand Your Knowledge

Canon Digital Learning Center (CDLC) is an on-line educational resource designed to help users evolve and advance their skills. From information on a variety of Canon imaging equipment to tips on composition, lighting, video and printing techniques, the CDLC informs and inspires at every step to help give your creativity and confidence a boost. Simply visit learn.usa.canon.com and get started today!



learn.usa.canon.com



Watch How-to videos on a wide variety of imaging topics, including equipment and techniques. Visit galleries to be inspired by some of the world's most eye-catching and history-making still and motion images. Read in-depth articles on how to make the most of your equipment and check out our weekly blog written by Canon technical advisors and special guest contributors. Go behind the scenes at photo and video shoots and

learn by watching the nation's greatest image-makers practice their crafts. For those who want to go beyond online learning, the CDLC also hosts a Sponsored Events Calendar. Users can browse through a comprehensive selection of workshops, seminars, lectures and trade shows throughout the country. All combined, the CDLC is an extraordinary resource for pure inspiration and technical mastery of your Canon imaging products.

Learn from the Pros

Canon Live Learning (CLL) presents exclusive experiences offered around the country by delivering dynamic learning opportunities for enthusiasts and professionals through workshops and high-quality hands-on classes. Led by industry experts and professional photographers, including Canon's Explorers of Light, you will gain both technical and creative expertise through these exciting programs. To learn more, visit: usa.canon.com/canonlivelearning.



usa.canon.com/canonlivelearning

With instruction from industry pros, discover new creative and technical opportunities made possible by EOS HD-capable DSLR and Cinema EOS cameras. Our hands-on intensive workshops are designed for video and film professionals who want to master the cinematographic capabilities of EOS HD DSLR and Cinema EOS, as well as still photographers looking to expand their professional offerings to the moving image. Additionally, new offerings are always in development for our professional imagemakers.

The CLL San Francisco space provides ongoing access to photo education programs for all levels of Canon users, tailoring to their camera and needs. Our most recent addition to the Canon Live Learning Program is Canon Experience Center in the Costa Mesa, California region. Canon Live Learning Orange County provides the opportunity for image enthusiasts to participate in ongoing photo education programs of all levels in our new facility featuring dedicated CLL classrooms, a CPS Lounge, Service & Support Center and Photo Focal point for testing Canon equipment. For the adventuresome enthusiast, Canon combines some of the most beautiful and exciting locations in the USA with our elite Explorers of Light instructors for the EOS Destination Workshops. These intimate multi-day workshops take the CLL experience into the field.



World Class Service and Support For Professionals.



State-of-the-art, high-quality, easy to use – these describe Canon's service and support programs just as accurately as they do Canon's products. Whether you're an individual or represent a large enterprise, your needs are critical, which is why Canon provides unique customer service and support programs specifically for professionals. Flexible and customized service offerings and membership programs designed to meet your needs and your budget give you access to 24/7 technical support at our 100% U.S.-based call center, factory-trained service technicians, genuine Canon parts, a nationwide service network, loaner equipment...and much more.

Canon's team of service and support professionals is here to assist you to get the most out of your Canon products and to support you whenever you need it. You are never on your own.



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Customer Service & Technical Support

- Team of Industry Experts
- Industry-leading Response Times
- In-house Studio Test Environment
- 24/7 Support Available
- 100% US-based Call Center, 100% Canon Staffed (No Outsourcing!)



Custom Service Programs.

Canon's custom service programs are designed for professionals with even the most critical uptime requirements and high priority needs, and provide extensive service and support benefits to keep your business up and running.

Personalized Support for the Imaging Professional.

Canon Professional Services (CPS) provides exceptional support for full-time imaging professionals. CPS members receive exclusive 24/7 phone and email support, expedited and discounted equipment maintenance and repairs, Equipment Evaluation Loans, on-site support at select events and shows, discounts on select Canon Live Learning seminars and workshops and more.

Significant discounts are applied to repairs sent in under a Gold, Platinum or Cinema membership. Members will also enjoy substantially reduced repair downtime with a 2 or 3-day turnaround on most repairs, depending on membership level.

Canon understands the need for professional image-makers to have a "try before you buy" program. This unique evaluation loan program streamlines the decision-making process on essential purchases (available to Gold, Platinum and Cinema members only).

Customized enterprise service and support packages are also available for larger businesses.

Canon's highly skilled and US-based support agents are available around-the-clock to help you with any technical issues that may arise. Members can also enjoy exclusive on-site service and support at select sporting events, trade shows and educational events.

Learn more about CPS and our Enterprise CPS Program at: cps.usa.canon.com

- Discounted Repair Service
- Expedited Repair Turnaround
- Equipment Evaluation Loans
- 24/7 US-based Domestic & International Hotline
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