

Specifications

EOS 5D



Type

Type	Digital AF/AE SLR
Recording Medium	CompactFlash (CF) Card Type I and II
Image Format	1.41 x 0.94 in./35.8 x 23.9mm
Compatible Lenses	Canon EF lenses (except EF-S lenses)
Lens Mount	Canon EF mount
Lens Focal Length Conversion Factor*	1.0x

Image Sensor

Type	High-sensitivity, High-resolution, Single-plate CMOS Sensor
Pixels	Approx. 12.8 megapixels
Total Pixels	Approx. 13.3 megapixels
Aspect Ratio	3:2 (Horizontal : Vertical)
Color Filter System	RGB primary color filters
Low-pass Filter	Fixed position in front of the image sensor

Recording System

Recording Format	JPEG, RAW and RAW+JPEG simultaneous recording provided. Backup image recording enabled (Same image recordable on CF card standards)
Image Format	JPEG, RAW
File Size	(1) Large/Fine: Approx. 4.6MB (4,368 x 2,912) (2) Large/Normal 2.3MB (4,368 x 2,912) (3) Medium/Fine: Approx. 2.7MB (3,168 x 2,112) (4) Medium/Normal: Approx. 1.4MB (3,168 x 2,112) (5) Small/Fine: Approx. 2.0MB (2,496 x 1,664) (6) Small/Normal: Approx. 1.0MB (2,496 x 1,664) (7) RAW: Approx. 12.9MB (4,368 x 2,912)
Folders	Folder creation/selection enabled
File Numbering	(1) Continuous numbering (2) Auto reset (3) Manual reset
Color Space	Selectable between sRGB and Adobe RGB
Image-processing Parameters	Six preset Picture Style settings plus three user-defined custom Picture Style function with individual adjustments for sharpness, contrast, saturation and color tone
Interface	USB 2.0 Hi-Speed, NTSC/PAL for video output

White Balance

Settings	Auto, Preset (Daylight, Shade, Cloudy/Twilight/Sunset, Tungsten Light, White Fluorescent Light, Flash), Manual (Custom, Color Temperature)
Auto White Balance	Auto white balance with the image sensor
Color Temperature	White balance bracketing: +/-3 stops in full-stop increments

Compensation White Balance Correction: Blue/Amber bias +/- 9 levels
Magenta/Green bias +/- 9 levels

Blue/Amber bias and Magenta/Green bias cannot be set together during White Balance Bracketing

Viewfinder

Type Eye-level SLR with fixed pentaprism

Coverage Approx. 96% horizontally and vertically (coverage against JPEG Large)

Magnification 0.71x (-1 dpt with 50mm lens at infinity)

Eyepoint 20mm

Dioptic Adjustment Correction -3.0 to +1.0 diopter

Focusing Screen Standard focusing screen: Ee-A

Mirror Quick-return half mirror (Transmission: reflection ratio of 40:60, no mirror cut-off with EF 600mm f/4 or shorter lens)

Viewfinder Information AF (AF points, focus confirmation light), Exposure (shutter speed, aperture, spot metering circle, exposure level, AE lock, exposure compensation, AEB level), Flash (flash ready, red-eye reduction lamp on, high-speed sync, FE lock, FEB shooting, flash exposure compensation, insufficient flash warning during FE lock), White balance correction, Maximum burst, CF card full warning, CF card error warning, No CF card warning

Depth-of-Field Preview Enabled with depth-of-field preview button (with Speedlite 580EX, 550EX, 430EX, MR-14EX, or MT-24EX, pressing the depth-of-field preview button fires a modeling flash)

Eyepiece Shutter None (eyepiece cover provided on strap)

Autofocus

Type TTL-CT-SIR AF-dedicated CMOS Sensor

AF Points 9 AF points (plus 6 invisible Supplemental AF points)

AF Working Range EV -0.5-18 (at ISO 100 at 20°C/68°F)

Focusing Modes Autofocus, (One-Shot AF, Predictive AI Servo AF, AI Focus AF (automatic switching between One-Shot/Predictive AI Servo AF)), Manual Focus (MF)

AF Point Selection Manual selection, Automatic selection

Selected AF Point Display Superimposed in viewfinder and indicated on LCD screen

AF-assist Beam Emitted by the dedicated Speedlite

Exposure Control

Metering Modes Max. aperture TTL metering with 35-zone SPC
(1) Evaluative metering (link to all AF points)
(2) Partial metering (approx. 8% of viewfinder)
(3) Spot metering (approx. 3.5% of viewfinder)
(4) Center-weighted average metering

Metering Range EV 1-20 (at 68°F/20°C with 50mm f/1.4 lens, ISO 100)

Exposure Control Systems Program AE (Shiftable), Shutter speed-priority AE, Aperture-priority AE, Full Auto, E-TTL II autoflash program AE, Manual exposure

ISO Speed Range Equivalent to ISO 100-1600 (in 1/3-stop increments), ISO speed can be expanded to ISO 50 and 3200

Exposure Compensation (1) Manual, (2) AEB (Auto Exposure Bracketing) Bracketing range: $\hat{A}\pm 2$ stops in 1/2- or 1/3-stop increments

AE Lock Auto: Applied in One-Shot AF mode with evaluative metering when focus is achieved
Manual: By AE lock button

Shutter

Type Vertical-travel, mechanical, focal-plane shutter with all speeds electronically-controlled

Shutter Speeds 1/8000 to 30 sec. (1/3-stop increments), X-sync at 1/200 sec.

Shutter Release Soft-touch electromagnetic release

Self-timer 10 sec. or 2 sec. delay

Remote Control Remote control with N3 type terminal

External Speedlite

EOS External Flash or Dedicated Speedlites E-TTL II autoflash with EX-series Speedlite

PC Terminal Provided

Drive System

Drive Modes Single, Continuous (approx. 3 fps), Self-timer

Continuous Shooting Speed Approx. 3 fps (at 1/250 sec. or faster for all recording quality settings)

Max. Burst During Continuous Shooting JPEG: Approx. 60 frames (JPEG/Large)
RAW: Approx. 17 frames
RAW+JPEG: Approx. 12 frames

LCD Monitor

Type TFT color liquid-crystal monitor

Screen Monitor size 2.5 in.

Pixels Approx. 230,000

Coverage 100% for JPEG images

Brightness Control 5 levels provided

Playback

Image Display Format Single image, 9-image index, Magnified zoom (approx. 1.5x to 10x), Auto play, Auto play right after shooting, Rotated, Jump

Highlight Alert In the single image (INFO) mode, the highlight portions containing no image information will blink

Image Protection and Erase

Protection A single image can be protected or unprotected

Erase A single image or all images stored in a CF card can be erased if they are unprotected

Direct Printing from the Camera Enabled

Compatible CP Direct, Inkjet direct, and PictBridge-compatible printers

Printers

Settings Printable images: JPEG images (Print ordering enabled with DPOF version 1.1)

Sound Recording

Recording Methods None

File Format N/A

Recording Time N/A

Power Source

Battery One Battery Pack BP-511A/BP-514/BP-511/BP-512

Number of Shots Approx. 800 (68°F/20°C), approx. 400 (32°F/0°C)
* The above figures comply with CIPA standard and apply when a fully-charged Battery Pack BP-511A is used.

Battery Check Automatic

Power Saving Provided. Power turns off after 1, 2, 4, 8, 15, 30 min.

Back-up Battery One CR2016 Lithium Battery

Dimensions and Weight

Dimensions (W x H x D) 6.0 x 4.4 x 3.0 in./152 x 113 x 75mm

Weight 28.6 oz./810g (Body only. Battery: 2.9 oz./82g)

Operating Environment

Operating Temperature Range 32-104°F/0-40°C

Operating Humidity Range 85% or less

Note: Note: All the specifications above are based on Canon's testing standards. The camera's specifications and physical appearance are subject to change without notice.